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Templin-Bradley's

75th

Anniversary

Seed and
Bulb Catalog
1876-1951



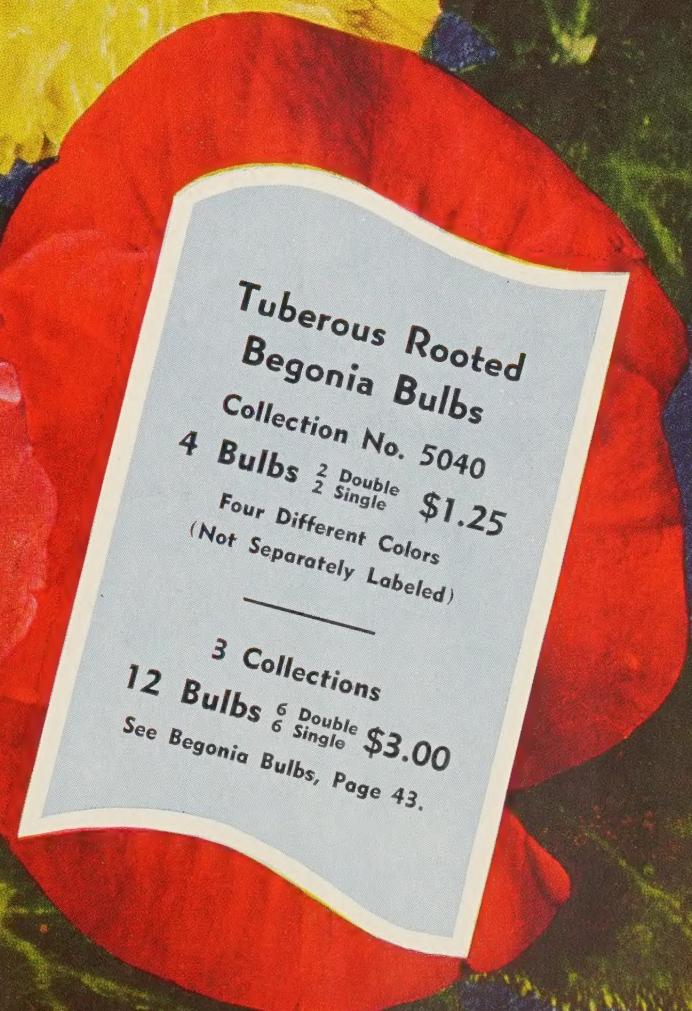
Tuberous Rooted Begonia Bulbs

Collection No. 5040

4 Bulbs 2 Double
2 Single \$1.25

Four Different Colors
(Not Separately Labeled)

3 Collections
12 Bulbs 6 Double
6 Single \$3.00
See Begonia Bulbs, Page 43.



Templin - Bradley's Supreme Flower Seeds

TRY OUR
PELLETED SEEDS
See Page 8



19 AGERATUM, Midget Blue. Pkt., 15c; 1/32 oz., 35c.
See Other Ageratum, page 25.



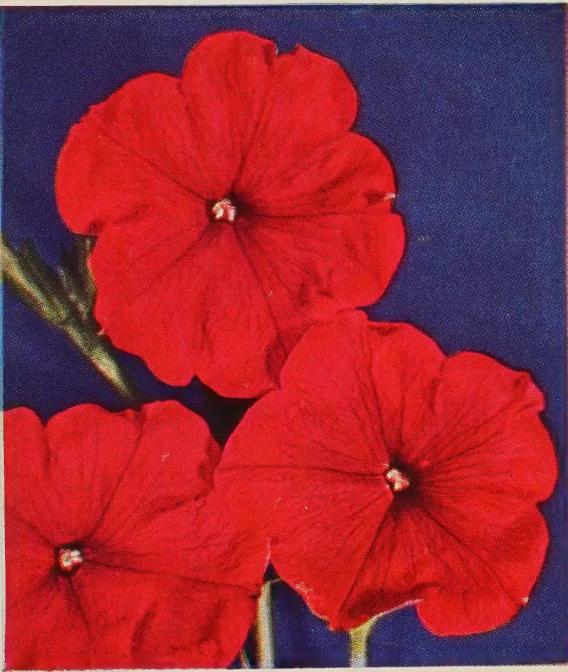
2294 ZINNIA, Fantasy Mixed Colors
Pkt., 10c; 1/8 oz., 25c. See page 43.



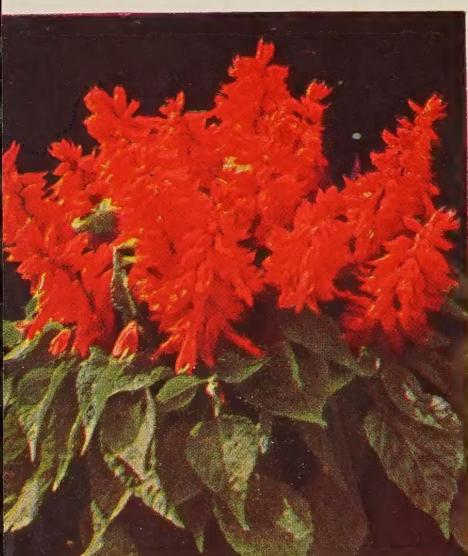
2790 DELPHINIUM, Giant
Pacific Hybrids. Pkt., 30c.
See Other Delphinium, page
45.



1358 MARIGOLD, Sunset Giants. Pkt., 15c; 1/8 oz., 30c.



1616 PETUNIA, Fire Chief. Pkt., 25c.



1711 SALVIA, Harbinger. Pkt., 15c;
1/16 oz., 50c. See Other Salvias, page 39.



2201 ZINNIA, Gold Medal Dahlia-Flowered Mixed. Pkt., 10c; 1/8 oz., 25c; oz., \$1.50.
Collection No. 2220. Separate Colors of Zinnias. 1 pkt, each 5 colors, 40c. See page 42.

ORDER—Continued

Money Saving Coupon

Use this Rebate Coupon when
you send in your order.

Good for 25c.
See Terms below.

Only one rebate coupon accepted on an order.

(Must be \$3.00 or more)

I greatly appreciate the money saving offer of the use of this coupon as 25 cents in cash toward payment of my order for seeds which I am enclosing. (Not good on manufactured merchandise.)

Seedsman
5700 Detroit Avenue,
Cleveland 2, Ohio

THE TEMPLIN-BRADLEY COMPANY,

Date

Gentlemen

Total Amount of Your Order →

Notice "Variety Numbers"

A column is provided for "Variety Numbers." Please use it to insure complete accuracy on all seeds.

Our Guarantee

Our Guarantee We guarantee the safe arrival of all seeds you order from us, that they will be as represented and in condition to grow satisfactorily if planted and cared for properly. Any item or items not found to be satisfactory, will be replaced free of charge or we will refund the price you paid us for same if reported to us promptly. It is agreed that we shall in no case be liable for more than the actual price paid for items found to be unsatisfactory, if any. We do not guarantee fertilizers, insecticides or other manufactured articles.

WHEN DO WE DELIVER? SEEDS. All seeds will be shipped to you as soon as your order is received, as they are not affected by coldest weather.

WHEN TO ORDER

Order early. We fill orders in the rotation in which they arrive and promptly. Early orders always find a complete stock. Early orders help us spread out the spring rush, too. We do a better job, you get every item you order.

HOW TO ORDER

Please use the order-blank. It is easy for you to use and it helps us to do everything exactly right when we fill the order. Five easy steps:

1. Remove order-blank from the catalog.
2. Fill in your complete name and address.
3. List the seeds and other items you need. Left-hand column is for quantity you order; next column for variety number; next space for name of what you order; last column for price, and when order is completed, space at the bottom or on the back for you to total the figures.
4. Enclose your order and pay for it in the return envelope you received with the catalog.
5. The 25c rebate coupon is for use on the seed part of your order only. It does not apply on purchases of other garden supplies, which prices are net.

WHEN DO WE DELIVER?

All orders will be delivered promptly. If your order includes both "Postpaid" and "Not Postpaid" items, the Postpaid items may be shipped by mail and the "Not Postpaid" items separately, but both promptly.

POSTPAID PRICES

Catalog prices include delivery on all seeds and many of the smaller garden supplies.

HOW TO PAY

Pay by Postal Note, Money Order or Check. In case you must pay by cash or stamps, be sure to register the envelope for safety.

C. O. D. ORDERS

The postal fee for collection on C. O. D. orders adds to the cost of your garden. We ask that you do not request us to ship C. O. D. It means standing in line at the Post Office for too long when we are so short of help. It is cheaper for you to send payment with your order.

GARDEN SUPPLIES

In our headquarters here in Cleveland, we operate one of the most complete retail seed stores in the United States. A wide range of fertilizers, insecticides and garden accessories are on display for those who come to our building to do their garden buying.

OUR GUARANTEE

We guarantee the safe arrival of all seeds you order from us, that they will be as represented and in condition to grow satisfactorily if planted and cared for properly.

Any item or items not found to be satisfactory will be replaced free of charge or we will refund the price you paid us for same if reported to us promptly. It is agreed that we shall in no case be liable for more than the actual price paid for items found to be unsatisfactory, if any. We do not guarantee garden accessories and manufactured articles.

The Templin-Bradley Co.
5700 Detroit Ave., Cleveland 2, Ohio

THE TEMPLIN-BRADLEY CO.

The World's Best Seeds

5700 Detroit Avenue

CLEVELAND 2, OHIO

To Our Customer Friends—

We present this, our 1951 Annual Spring Catalog to you with unusual pleasure and satisfaction. As you have already noted on the front cover, this is our 75th Anniversary, our Diamond Jubilee year in the seed business.

Just 75 years ago, Mr. Templin, my father, issued his first seed catalog, a tiny seed offer to his nursery customers and neighbors. His interest in horticulture came through his working in the nursery which his father, my grandfather, started nearly one hundred years ago. So from this early beginning came the present Templin-Bradley Seed Company.

Through these years, our policy has been to supply our customers with the best seeds available from the most technical hybridizers and growers of each type of flower and vegetable. This policy gives us our fine reputation as seedsmen and gives you the best possible for your garden.

You will be happy to know that we are again offering you Tuberous Rooted Begonia Bulbs. The beautiful color on our front cover cannot describe the glorious beauty of the flowers you can grow from these bulbs. Not for just one year, but for many years, as the bulbs can be kept indefinitely. Just dig the bulbs before freezing weather, wash off the soil and keep the bulbs in a cool place, like your fruit cellar until early spring. Then plant the bulbs in sand or loose soil, not too early, just in time to have them well rooted and showing small leaves when you are ready to plant them in your garden.

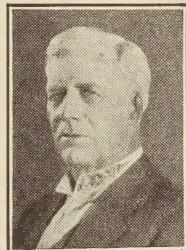
We are offering for the second year, the Midland Pelleted Seeds. Try some of them and see how much work you save by putting the seed just where you wish to have it grow. No transplanting, no thinning, no fertilizer, and earlier planting, faster growth and better results.

Thanks for your past orders and may we have your 1951 order early, before the spring rush?

May 1951 be a Happier Year For All,

Pearle Templin Bradley

President.



R. L. TEMPLIN
Founder



FLOYD BRADLEY
Co-Founder

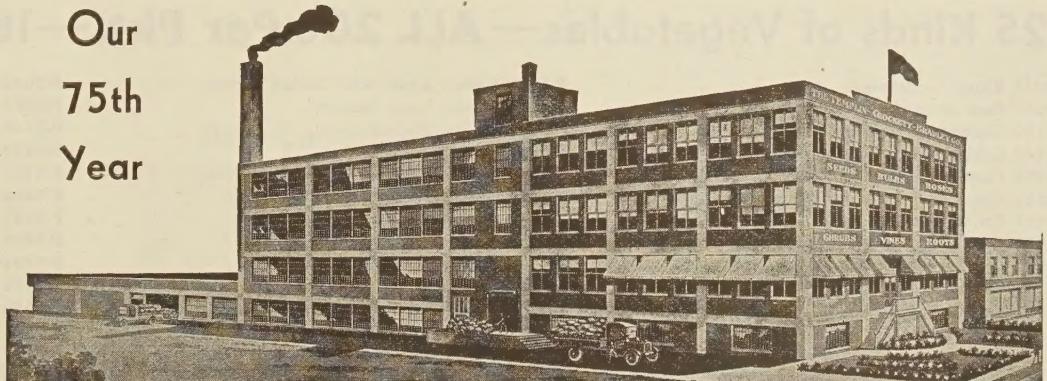
For Your 1951 Garden

see our

PELLETED SEEDS

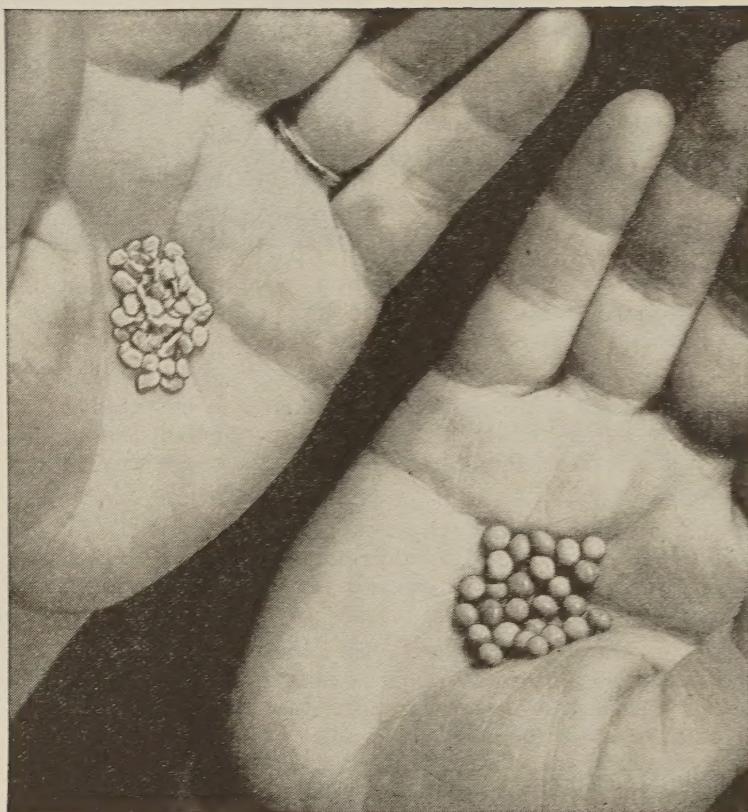
—Next Page

Our
75th
Year

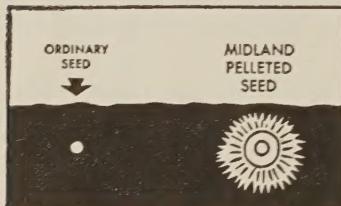


HOME OF THE TEMPLIN-BRADLEY CO.

Only the best is good enough for Templin-Bradley customers

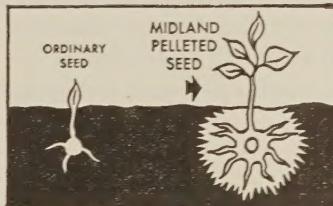


Tomato Seed—Regular and PELLETED



BETTER GERMINATION

BETTER GERMINATION. Treated to combat seed rot and protected from dryness by their coatings, Midland Pelleted Seeds have a better percentage of germination, particularly under adverse conditions. Will live when ordinary seeds die.



FASTER GROWTH

FASTER GROWTH. Just like faster growing babies that are fed special foods, Midland Pelleted Seeds kept disease free, with a special food supply to draw on, and with growth promoting hormones and vitamins present, just naturally grow faster!

Experiment With Some of These—

PELLETED Vegetable and Flower Seeds

25 Kinds of Vegetables—ALL 20c Per Pkt.—18 Kinds of Flowers

- P-6038 Beans. Tendergreen.
- P-6065 Beet. Detroit Dark Red.
- P-6150 Cabbage. Copenhagen Market.
- P-6148 Cabbage. Golden Acre.
- P-6454 Cantaloupe. Rock O'Honey.
- P-6165 Carrot. Danvers Half Long.
- P-6163 Carrot. Tendersweet.
- P-6196 Cauliflower. Early Snowball.
- P-6269 Corn, Sweet. Golden Bantam Cross.
- P-6307 Cucumber. Straight 8.
- P-6295 Cucumber. Chicago Pickling.
- P-6418 Lettuce, Head. Great Lakes.

- P-6417 Lettuce, Leaf. Black Seeded Simpson.
- P-6523 Onion. Sweet Spanish.
- P-6527 Onion. White Portugal.
- P-6597 Peas. Thomas Laxton.
- P-6625 Pepper, Hot. Hungarian Yellow Wax.
- P-6629 Pepper, Sweet. California Wonder.
- P-6671 Radish. Early Scarlet Globe.
- P-6732 Rutabaga. American Purple Top.
- P-6789 Squash. Table Queen.
- P-6763 Spinach. Bloomsdale.
- P-6865 Tomato. Marglobe.
- P-6889 Turnip. Purple Top.
- P-6943 Watermelon. Northern Sweet.

PELLETED SEEDS Do Not Need Extra Fertilizer
Fertilizer is applied to Seed with coating

Everybody's Heard About
PELLETED SEEDS
Now They Are Available
Read About This
Amazing New Discovery

Just 6 years ago, Dr. Phelps Vogelsang, a brilliant researcher for the fabulous Dow Chemical Company, began work on the problem of pelleting seeds. Typical of the amount of scientific research that went into the perfection of the pelleting process, 2600 separate tests were made on one kind of seed alone. This new method of seed treatment has been tried by leading agricultural colleges and by our government, and has been found very successful.

SEED PELLETS—What They Are

These Midland PELLETED Seeds are coated with just the right amounts of:

FUNGICIDE to provide a disease-free condition on the seed and in the closely surrounding soil.

FERTILIZER to supply food during early stages of growth.

HORMONES and **VITAMINS** to promote early emergence and produce healthier growth.

Gardening Advantages with PELLETED Seeds

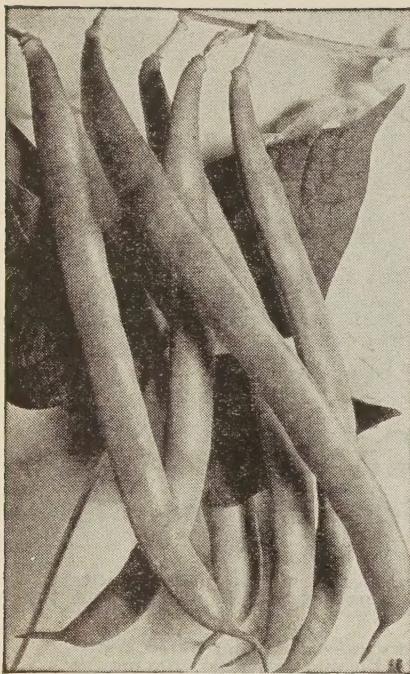
MORE RESULTS! Your gardening is less risky . . . more productive!

EARLIER PLANTING! 2 to 3 week's earlier planting possible. Weather that kills ordinary seeds can be endured by Midland Pellets!

FASTER GROWTH! Beat others by weeks with flowers, vegetables!

NO "THINNING OUT"! No wasteful sowing, just space-plant pellets singly and eliminate laborious "thinning-out"!

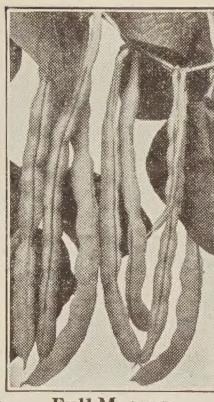
ELIMINATE TRANSPLANTING! Grow direct from pellets, get fruit the same time! Seedlings will stand frost better than transplants!



Bean, Dwarf Green Plentiful



Improved Golden



Full Measure



Sure Crop Wax Beans



Pole Bean, Kentucky Wonder

Beans

To have plenty of Beans throughout the summer plant both early and late varieties every two weeks from early spring through the summer, just as long as there are 45 days left before frost. This will give you plenty of the luscious health-giving Beans for your table and for canning from early summer to late fall.

Culture—Make your first planting as soon as the soil is warm and danger of frost is past. Plant in rows 2 feet apart, dropping the seed 3 to 4 inches apart and 2 inches deep. Cultivate thoroughly but not when the vines are wet. One pound of beans (except Limas) should plant a 100 foot row, 90 pounds will be required for an acre of ground. Bush Lima Beans, one pound will plant 75 hills and 40 pounds will plant an acre.

Asparagus

3501 MARY WASHINGTON. Best of the newly developed Rust Proof varieties. A selection from Martha Washington, produces large straight tender green stalks of excellent quality. One ounce should sow a 60 foot row and produce 200 to 300 plants. Pkt. 10c; Oz. 25c; 1/4 lb. 70c; Lb. \$1.50.

Dwarf Green Pod Beans

3507 BURPEE'S STRINGLESS. (Round Pod). Most popular of the round podded. Early, very productive, tender, fleshy and free from strings. Ready in 50 days. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3508 BOUNTIFUL. Best flat-podded stringless variety. 7 inches long, stout, flat and nearly stringless. Light green. Very early, vigorous, hardy, productive. Fine quality. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3509 GIANT STRINGLESS. (Round Pod) Similar to Burpee's Stringless, but longer, straighter and lighter green. Exceedingly productive. 1/4 lb. 18c; Lb. 55c; 3 lbs. \$1.50.

3510 FULL MEASURE. (Round Pod) One of the best varieties. Yields large quantities (even more than Tendergreen) of fine-grained, large, dark green tender pods. Very good table quality. 1/4 lb. 20c; Lb. 65c; 3 lbs. \$1.80.

3516 TENDERGREEN. (Round Pod). If you want a wonderfully delicious early Snap Bean, plant Tendergreen. It is long, round, tender, meaty, light green and the finest flavor. Our customers friends tell us it is the best Bean they ever ate. It matures early and the vines are exceptionally strong and vigorous. 1/4 lb. 20c; Lb. 70c; 3 lbs. \$1.95.

3517 PLENTIFUL. A new variety similar to Bountiful but superior in several ways. Pods are longer, slightly thicker, darker green, more tender and notably better in flavor. Plentiful is two or three days later than Bountiful furnishing the first picking in about 50 days from planting. Pods long, straight and stringless. 1/4 lb. 20c; Lb. 65c; 3 lbs. \$1.80.

Dwarf or Bush Lima

3536 BURPEE'S IMPROVED BUSH LIMA. The recognized standard of Bush Lima Bean quality. Large robust, compact, plants; productive. Pods uniformly large, in clusters, maturing in mid-season. Large flat Beans of superior quality. 1/4 lb. 22c; Lb. 80c; 3 lbs. \$2.25.

3537 FORDHOOK. Ideal for productiveness and disease resistance, bears large pods in clusters of 4 to 6 well above the ground. Potato Lima type, large, thick and handsome. Early, ready to eat in 75 to 80 days, yet produce over a long period. 1/4 lb. 22c; Lb. 75c; 3 lbs. \$2.10.

3535 FORDHOOK 242. Slightly earlier than standard Fordhook and more tolerant to heat. A heavy producer with 3 to 4 beans per pod. 1/4 lb. 22c; Lb. 75c; 3 lbs. \$2.10.

3538 HENDERSON'S. The earliest of all Lima Beans. By planting it, gardeners in even the northernmost States, can enjoy Limas from their own gardens. Pods are small but borne so plentifully that the yield is large. Beans of excellent flavor. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

Dwarf Wax Pod Beans

3521 SURE CROP WAX. (Oval Round Pod). One of the best black seeded varieties. Early tender pods 5 1/2 to 6 1/2 inches long, nearly straight and "sure cropper." 1/4 lb. 20c; Lb. 65c; 3 lbs. \$1.80.

3523 IMPROVED GOLDEN. (Flat Pod). Straight, very broad, thick, fleshy and stringless. An early abundant cropper. It is a greatly improved strain of the old style Golden Wax. It will pay you to plant this strain of Golden Wax. 1/4 lb. 22c; Lb. 75c; 3 lbs. \$2.10.

3528 PENCIL POD BLACK WAX. (Round Pod). Best black-seeded wax variety. Early, Large, 6 1/2 to 7 inches long, straight and entirely stringless. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3529 ROUND POD KIDNEY WAX or Brittle Wax. An excellent variety that deserves much attention. Handsome pods 5 to 6 inches long, bright, rich yellow in color and absolutely stringless. Hard to equal. Tender, fleshy, yet brittle pods are of the finest quality and are freely produced. Seeds white with brownish-black eye. 1/4 lb. 20c; Lb. 70c; 3 lbs. \$1.95.

New Bush Bean All-American 1949 Winner

3511 TOP CROP BUSH BEAN. This new All-American winner for 1949 is very vigorous and a heavy bearer. Medium green, round pods, straight and stringless. Try this new variety. It is very promising and you will be glad you tried it. 1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.

Pole Lima Beans

3546 KING OF THE GARDEN. A favorite with gardeners because of the great size of pods, which contain 4 to 5 very large fine quality green beans. The vines produce continually until killed by frost. Large white. 1/4 lb. 22c; Lb. 75c; 3 lbs. \$2.10.

A Silver Medal Winner

3539 BABY POTATO BUSH LIMA. Winner of the Silver Medal in the 1940 All-American Selections, this fine new Bush Lima is early and prolific. Its small beans of the Potato Lima type are attractive, bright green, thick and of the delicious Fordhook flavor. Bush grows 12 to 16 inches tall, pods quite large and very freely produced. 1/4 lb. 20c; Lb. 70c; 3 lbs. \$1.95.

Pole Beans

Culture—Same as Bush Lima Beans except that they must be provided with something to climb upon. If planted in hills, poles will answer the purpose, or if planted in rows a continuous wire or heavy twine trellis is good. Pole Beans yield many more pods per plant than dwarf varieties. One pound will plant 100 hills.

3557 KENTUCKY WONDER or Old Homestead. The most satisfactory green podded Pole Bean. Early, wonderfully prolific, bearing continually until frost. Long pods in clusters. May be planted with corn. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3563 KENTUCKY WONDER WAX. One of the earliest and most productive. 8 inches long, thick, fleshy and brittle. Light yellow, seed chocolate brown. 1/4 lb. 22c; Lb. 80c; 3 lbs. \$2.25.

3562 YARD LONG. Asparagus Bean. Interesting European Novelty. Slim, round edible pods, 2 to 3 feet long. Pkt. 10c.

For Bean Beetle

Dust With Rotenone Garden Dust

Garden Dust has proven efficient in the control of Bean Beetle and many other vegetable garden insects. Dust thoroughly, covering all surfaces with a light layer of dust. Apply after watering or when dew is present in the early morn or late afternoon. Reapply after rain. Lb. 35c; 5 lb. \$1.60.

Add 10c per lb. for shipping.

or

Spray With Rotecide Extra

Rotecide Extra is a complete spray and the use of additional spreader is not necessary. Spray entire plant, using a pressure spray, as soon as insects appear. Qt. Can \$3.00; Gal. \$8.00.

Add 10c per lb. for shipping.

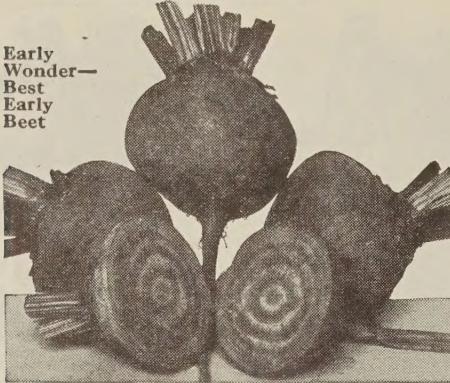
Field or Baking Beans

3555 WHITE MARROW. Large, plump, oval-shaped, white beans for baking. Vigorous vines that are very productive of the highest quality beans. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3553 WHITE KIDNEY. Royal Dwarf. Large upright plants, plenty of dark green pods, about 6 inches long. Seed large, white, kidney-shaped and excellent quality. Use green, shelled or dry. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

3554 RED KIDNEY. Like White Kidney except the beans are deep red. 1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.

Early
Wonder—
Best
Early
Beet



Beets

Grow your own beets. Root crops give more food value for the space occupied than any other vegetable. Beets are the most popular of all root crops. Beets may be stored for winter use. Best of all, the small beets pulled and used soon after, are much sweeter and more tender than any you could buy. Try some buttered tender baby beets from your own garden this year. Make at least two plantings of beets so that you have plenty for early use and for winter storage as well.

Table Beet Culture. Beets like well enriched moist soil. Sow the seed 1 inch deep in rows 12 to 16 inches apart, and thin out to stand 4 inches apart. First sowing may be made as early as the soil is in workable condition, later plantings up to July 1st. One ounce should sow a 50 to 75 foot row, 5 to 6 pounds an acre. Packets of the standard varieties will contain about 1/4 ounce.

3576 DETROIT DARK RED. The most popular of all Beets. Beautiful appearance on the table or bunched for market, as it retains its deep red color. Big cropper with small upright tops, permitting close planting. Roots globe-shaped. Skin and flesh, dark blood-red with very little lighter zoning. Excellent winter keeper. Pkt. 10c; Oz. 35c; 1/4 lb. \$1.05; Lb. \$3.25.

3578 PERFECTED DETROIT. All-America. An improved strain with which we are coming close to perfection in uniformity of size and shape of roots and extreme depth of color. Pkt. 15c; Oz. 35c; 1/4 lb. \$1.05; Lb. \$3.25.

3571 EARLY WONDER. A fine Beet for extra early or very late planting as it produces edible roots quickly. Slightly more rounded than Crosby's Egyptian. Color of flesh is deep red, zoned with lighter red. Pkt. 10c; Oz. 30c; 1/4 lb. 85c; Lb. \$2.60.

3573 CROSBY'S EGYPTIAN. Improved strain. The standard for early market. Roots flattened globe-shaped. Skin deep red, flesh slightly zoned. Suitable for the most critical market gardeners planting. Much extra work has been done on this to perfect uniformity in shape and color of roots. Pkt. 10c; Oz. 35c; 1/4 lb. 85c; Lb. \$2.60.

3581 OHIO CANNER. All-America. A beet that has been especially developed to meet the exacting demands of the canner and which therefore makes an unusually fine home garden variety. Roots very round and uniform and with small tops. Flesh tender, extremely dark red, retaining its color after canning. Slower in growth than Detroit so gives a long period of use in the home garden. Pkt. 15c; Oz. 35c; 1/4 lb. \$1.00; Lb. \$3.25.

Mangel Beets for Poultry and Stock

One ounce of seed should sow a 75 to 100 foot row. 5 to 6 pounds an acre.

3586 MAMMOTH LONG RED. Heaviest yielding of all Mangels, often 2 1/2 feet long and very heavy. Grows half out of the ground, easy to harvest. Oz. 20c; 1/4 lb. 65c; Lb. \$2.15.

SWISS CHARD or SPINACH BEET, See Page 17.

Broccoli

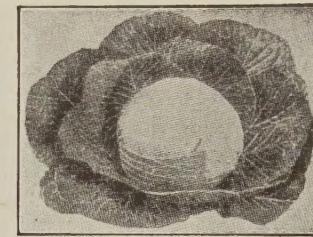
All restaurants and more homes now serve Broccoli because it has more delicate flavor and easier to grow than its cousin, Cauliflower. An excellent late summer and fall crop. Both heads and leaves near them are tender and palatable.

3601 ST. VALENTINE. Large white compact heads, tender and of delicate Cauliflower flavor. Grow like Cauliflower. Pkt. 10c; 1/4 oz. 55c; Oz. \$2.00.

3602 ITALIAN GREEN SPROUTING. A distinct variety. Like Asparagus, it is very tasty. Grows quickly, producing a bluish-green head in about 90 days. After the head is removed the plant produces branches bearing smaller terminal heads, which may also be used. Pkt. 10c; 1/2 oz. 30c.



Detroit
Dark
Red



Copenhagen Market



Drumhead Savoy



Early Jersey Wakefield



Chihi Cabbage

Cabbages Selected Strains

In Cabbage seed, the best is the cheapest in the long run. Therefore, we offer only the highest quality that it is possible to obtain from the most reliable growers, super strains that cost real money to produce and maintain.

Culture—Sow the seed of early varieties in hot beds or boxes indoors in February and March, transplanting to the open ground in April and May at which time seed of the mid-season varieties may be sown for later transplanting. Seed of the late varieties should be sown in good garden ground early in May and transplanted later. Cabbage should stand 18 to 24 inches apart in rows 30 to 36 inches apart. Cabbage should be thoroughly cultivated throughout the season. An ounce should produce about 2,500 plants, 1/4 lb. enough for one acre.

Early Cabbages

3617 EARLY JERSEY WAKEFIELD. Most popular of the pointed heads. Forms edible head very early, about the same as Golden Acre in season. Absence of large outer leaves allows close planting. Pleasing flavor, distinct from the round head varieties and we strongly recommend it for the home garden. Pkt. 10c; 1/2 oz. 25c; Oz. 45c.

3616 GOLDEN ACRE. Earliest round headed variety, forming one week earlier than Copenhagen market. Absence of large outer leaves permits close planting. Pkt. 10c; 1/2 oz. 35c; Oz. 65c.

3619 COPENHAGEN MARKET. The standard early round variety, little later than Wakefield, but much larger and heavier. Heads averaging 8 to 10 lbs. each. Compact habit, few outer leaves permits close planting. Very profitable. Pkt. 10c; 1/2 oz. 35c; Oz. 60c.

Disease Resistant Cabbage

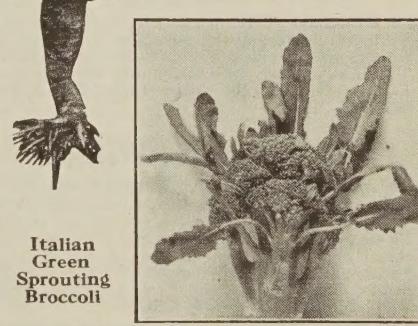
In sections where Cabbage "Yellows" is damaging, it pays to plant strains bred for disease resistance. The seed of the two disease-resistant varieties listed below, is gathered from plants grown on diseased soil and which proved immune.

3623 MARION MARKET. Early. The disease-resistant Copenhagen Market. A few days later, otherwise has all the good points of that variety. Pkt. 10c; 1/2 oz. 40c; Oz. 70c.

3629 WISCONSIN NO. 8 HOLLANDER. Late. A disease-resistant strain of the popular Hollander. Being slightly larger and more leafy than the parent. Heads round, somewhat flattened and more solid, splendid keeping qualities. Practically 100% immune. Pkt. 10c; 1/2 oz. 40c; Oz. 75c.



Danish
Ballhead
Cabbage



Italian
Green
Sprouting
Broccoli

Late Cabbages

3626 DANISH BALLHEAD. For quality, no other winter Cabbage equals Ballhead. It is a sure header, very heavy, solid and fine grained. Always brings the highest market prices. One of the best keepers, coming out of the pit in March or April fresh and solid. This is the short stemmed strain which is considered the most desirable. Pkt. 10c; 1/2 oz. 40c; Oz. 75c.

3641 DRUMHEAD SAVOY. Leaves finely curled, heads solid. If you have never grown Savoy Cabbage, try it this year. Pkt. 10c; 1/2 oz. 25c; Oz. 40c.

3628 PREMIUM LATE FLAT DUTCH. Probably more largely grown than any other late variety, because everybody knows it is always reliable. Uniform, large flattened heads of fine quality and a good keeper. Largely grown to supply Kraut factories. Beats all others in tonnage per acre. Pkt. 10c; 1/2 oz. 25c; Oz. 40c.

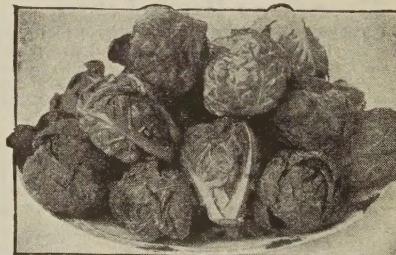
Chinese Cabbage

While not a true Cabbage, this vegetable is as easily grown as the true cabbage, and is considered by many superior in quality. It resembles celery to some extent in its habits of growth as well as in flavor. Much esteemed for salads. Sow either early for spring crop or in late summer for fall crop.

3648 CHIHLI. Long slender head 15 inches tall, solid and crisp, self-folding, and hearts well blanched, tender and sweet. Early and very sure heading. Superior to Pe-Tsai. Pkt. 10c; 1/2 oz. 30c; Oz. 50c.

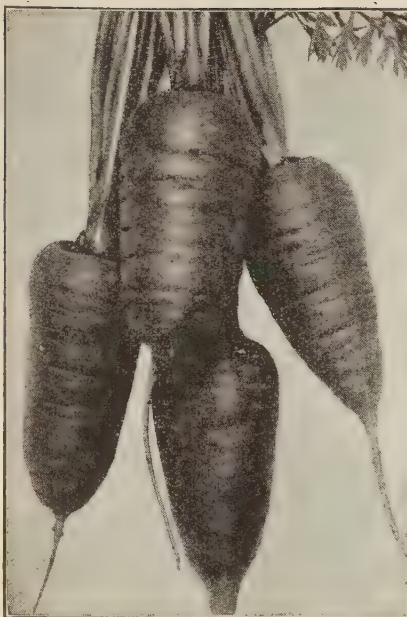
Red Cabbages

3637 MAMMOTH RED ROCK. Late. Largest Red Cabbage. Deep red at the heart. Large, vigorous plant, very hardy with medium length stem. A favorite for coldslaw. Pkt. 10c; 1/2 oz. 40c; Oz. 75c.



Brussels Sprouts

3612 LONG ISLAND IMPROVED. Small heads of delicious quality are abundantly produced along the stem, the plants growing about 2 ft. high. Cultivate same as late Cabbage. Produces tender little heads from October to December. Pkt. 10c; Oz. 50c; 1/4 lb. \$1.60.



Danvers Half-Long Carrot



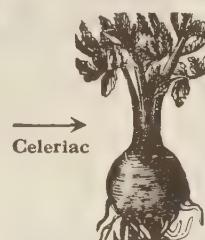
Scarlet Nantes



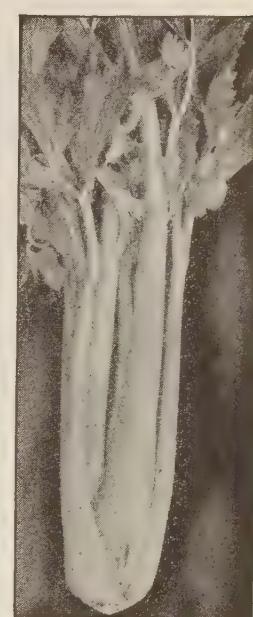
Chantenay Carrot

Pride of Denmark
Orange Coreless Carrot

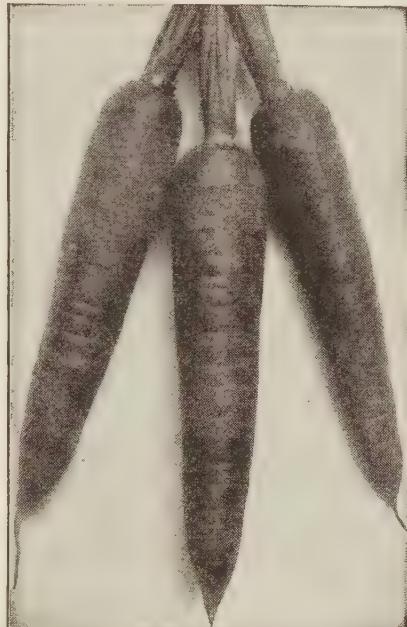
Celery, Giant Pascal



Celeriac



Celery, Golden Plume



Carrot, Tendersweet

Carrots

Culture—For the earliest crop sow seed in April, as soon as the soil is in good workable condition. Later plantings can be made in May and June. The soil should not be heavily fertilized, especially with manure. Cover the seed about $\frac{1}{2}$ inch deep, spacing the rows 12 to 16 inches apart. It is important to thin the plants to stand not closer than 3 inches. One ounce should sow a 200 ft. row, 2 to 3 lbs. an acre.

3662 DANVERS HALF-LONG. The roots average $1\frac{1}{2}$ inches in diameter and 5 to 6 inches long, holding their thickness well to the point. A favorite with market gardeners for bunching as size, shape, color are ideal. Pkt. 10c; $\frac{1}{2}$ oz. 20c; Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

3664 OXHEART or GUERANDE. Second early, short stocky shape two to three inches in diameter and with abrupt blunt tip. Excellent for shallow or heavy soils. Keeps well. Heavy yielder. Pkt. 10c; $\frac{1}{2}$ oz. 20c; Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

3666 CHANTENAY or MODEL. A model all around Carrot. Smooth, fine grained, of very good eating quality. When fully developed the roots are about 6 inches long and $2\frac{1}{2}$ inches in diameter at the shoulder. Though medium early, roots may be pulled while small so it gives you baby Carrots with the earliest. An excellent fall and winter keeper. Pkt. 10c; $\frac{1}{2}$ oz. 25c; Oz. 40c; $\frac{1}{4}$ lb. \$1.15.

3667 SCARLET NANTES. Tender and delicious, half-long, cylindrical, 6 inches long, slender and fine looking. Orange-red, fine grained and free from core. Pkt. 10c; $\frac{1}{2}$ oz. 25c; Oz. 40c; $\frac{1}{4}$ lb. \$1.15.

3668 PRIDE OF DENMARK. This is a beautiful carrot for the home garden and market. In shape it is quite like Nantes but a trifle more tapering, smooth, 7 to 8 inches long and $1\frac{1}{4}$ to 2 inches across at the shoulder. On real good deeply worked soil the roots are longer (10 to 12 inches). Color is orange-red. This Carrot is a remarkably good keeper, yet is tender, with a very small core (practically coreless). Pkt. 15c; $\frac{1}{2}$ oz. 35c; Oz. 60c; $\frac{1}{4}$ lb. \$1.75.

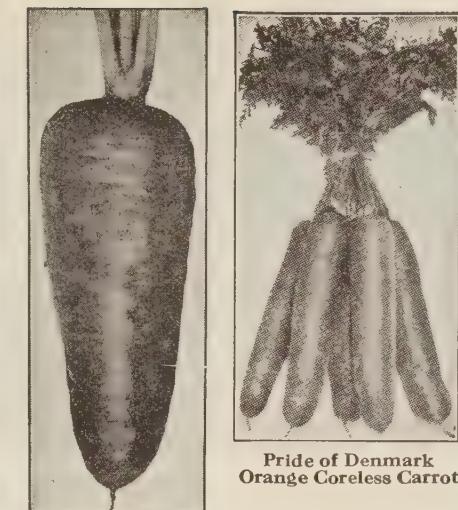
3670 RED CORED CHANTENAY. Also called "Coreless" Chantenay. A selection from the regular Chantenay with decidedly deeper orange color and with small, very tender cores of almost uniform color with the surrounding flesh, making it very desirable for salads. Pkt. 10c; $\frac{1}{2}$ oz. 25c; Oz. 40c; $\frac{1}{4}$ lb. \$1.15.

3671 LONG ORANGE. Excellent, heavy producing, mid-season variety, 10 inches long, $2\frac{1}{2}$ inches broad, tapering to point. Deep orange. Pkt. 10c; $\frac{1}{2}$ oz. 20c; Oz. 40c; $\frac{1}{4}$ lb. \$1.00.

3674 TENDERSWEET. This new Carrot brings us one of the finest medium sized orange fleshed varieties, with uniform shape and well tapered roots. The deep orange flesh is crisp and tender, of finest flavor and of uniform color throughout. They will average 6 to 8 inches in length at maturity. Pkt. 10c; $\frac{1}{2}$ oz. 30c; Oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Chives

3742 CHIVES. A small perennial plant of the onion family. Leaves have a delicate onion flavor. Used in salads and for flavoring soups, stews, etc. Plant forms a small clump for frequent cutting. Pkt. 10c; $\frac{1}{4}$ oz. 30c; Oz. 90c.



Cauliflower

In Cauliflower seed, the best is by far the cheapest in the long run and we offer you only the best that our growers can produce. We could have Cauliflower seed grown for us at half the prices but you would not get half as good results.

Culture—Cauliflower is grown much the same way as early Cabbage, the seeds started in hotbeds or boxes in February or early March. An extra transplanting into other boxes or cold frames before setting outdoors is beneficial. In these set 2 inches apart each way. When the heads begin to form gather the outer leaves and tie together to protect from the hot sun. One ounce will produce 2000 plants, 5 ounces an acre.

3651 EARLY SNOWBALL.

Earliest and best for the home gardener who has rich, moist soil, for market and for the greenhouse grower. Plants compact, close growing outer leaves, heads solid, medium large and snowy-white. Pkt. 15c; $\frac{1}{2}$ oz. 50c; $\frac{1}{4}$ oz. 90c; $\frac{1}{2}$ oz. \$1.75.

Did you ever try eating cauliflower without cooking? It is crisp, nut-like and fits into a salad beautifully. Far too little is used this way. I like it to eat just as I do celery. Try it.

Floyd Bradley.

Chicory

3739 WITLOOF CHICORY, French Endive. Grow your own winter salad. Delicious and appetizing salad. Easily grown. Sow seed in open, June 1st, lift roots in the fall. Pkt. 10c; $\frac{1}{2}$ oz. 35c; Oz. 50c.

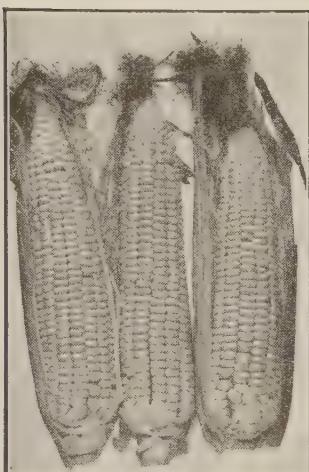


Early Snowball Cauliflower



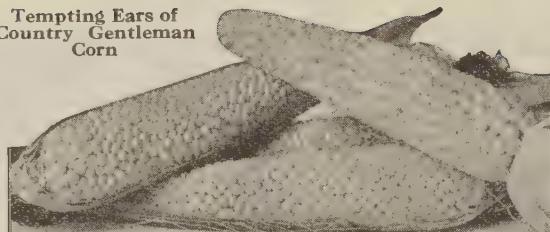
Short of Room ?

During the war, when I had not enough room for all my vegetables, I planted some like Lettuce, Beans, Radishes, Carrots and Tomatoes among my Annual and Perennial Flowers. It worked fine and was not the slightest bit unsightly. Try it. Floyd Bradley.



Hybrid Golden Bantam

Tempting Ears of Country Gentleman Corn



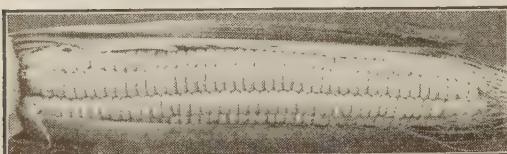
Golden Bantam

Corn, Sweet

Do you know why home grown Sweet Corn always tastes best? Because within a few hours after the tender ears are pulled off the stalk they begin to lose their sugar and they rapidly deteriorate in flavor. You can seldom buy absolutely fresh Sweet Corn, so unless you have grown your own, you probably do not realize how deliciously sweet it can be.

Culture—A constant supply of Sweet Corn may be had from your garden by planting a succession of early, midseason and late varieties and by planting each of the kinds every week or ten days. Plant when danger of frost is past and the ground is warm, rows 2 to 3 feet apart and 8 to 10 inches apart in row. Corn likes frequent cultivation until the ears are formed. 1 lb. will plant about 300 hills or 400 to 500 feet of row. 12 to 15 lbs. will plant an acre.

3697 WONDER BANTAM. Large, more prolific type of Golden Bantam, 8 to 10 inches long. **1/4 lb. 18c; Lb. 55c; 3 lbs. \$1.50.**



Wonder Bantam

3700 GOLDEN BANTAM. The good quality of Golden Bantam is too well known to need long description. Sales show it to be the most popular variety we list. Ears 6 inches long, with 8 rows of broad kernels as sweet as honey. **1/4 lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

3701 GOLDEN SUNSHINE. 12 rowed, 8 inch ears, 10 days earlier than Golden Bantam. Developed at North Dakota Experiment Station, where earliness and hardiness are necessary. **1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3709 BLACK MEXICAN CORN. By many considered the tenderest and sweetest of all. Cooks pure white while young and tender, turning to bluish-black when ripe. Ripens medium early. **1/4 lb. 15c; Lb. 50c; 3 lbs. \$1.35.**

3713 GOLDEN EARLY MARKET. The earliest large true Sweet Corn of golden color. Ears good size, 12 rows, 7 to 8 inches long, well filled. Early, large and delicious. **1/4 lb. 15c; Lb. 50c; 3 lbs. \$1.35.**

3716 COUNTRY GENTLEMAN or "Shoe Peg." Par excellence when quality is desired. The kernels are so deep that there is little room left for cob. Market Gardeners who supply hotels and high class restaurants depend on this for their main crop. The ears are 6 to 7 inches long, small white cob. **1/4 lb. 15c; Lb. 50c; 3 lbs. \$1.35.**

3718 STOWELL'S EVERGREEN. Standard main crop variety, much used for the home garden, market and canning. Very tender and sugary, remaining in condition a long time. Our stock is the true, deep, broad kernelled strain. **1/4 lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

3720 AUNT MARY's. A very popular old-time favorite with the home gardener. White, medium size kernels that stay in the "milk stage" longer than any other sweet corn. **1/4 lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

New Hybrid Sweet Corn

Increases yield 50% and produces vigorous sturdy and disease resistant plants and enables this kind of Corn to outyield the standard varieties under all sorts of conditions. Stalks are uniform and much larger proportion of marketable ears of even size and shape. Uniform maturity so the gardener can harvest the crop with a minimum of immature or over ripe ears.

3711 GOLDEN ROCKET. One of the earliest of the hybrids. Matures in 67 to 70 days. Unusually fine quality for an early corn, with 7 to 7½ inch, 10 to 12 row ears. **1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.**

3710 HYBRID ALL-SEASON BLEND. A mixture of early, mid-season and late hybrids for the home gardener who makes only one planting of Sweet Corn. This blend will give an extended harvest period from one planting. **1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.**

3699 GOLDEN CROSS BANTAM. A true hybrid produced by Purdue Experimental Station. Stalks sturdy, ears 8 inches long, 10 to 12 rowed, extremely uniform. Highly resistant to Stewart's disease. **1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.**

3702 MARCROSS. This fine hybrid is the standard early mid-season yellow sweet corn in nearly all sections. Its large 7½ inch ears of 12 to 14 rows of deep broad kernels are ready for use in 70 days from planting. Its quality is excellent and its yield heavy. **1/4 lb. 22c; Lb. 75c; 3 lbs. \$2.10.**

3714 HYBRID GOLDEN BANTAM. A new Hybrid of outstanding quantities, 6 to 10 days earlier than other crosses, 6 to 6½ feet tall with uniform 7½ inch ears of 12 rows of rich golden deep kernels. **1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.**

3717 IOANA HYBRID. Awarded a Bronze Medal in the 1940 All-America Selections, this variety promises to replace Golden Cross in popularity. Its eight inch ears of 12 to 14 kernels are ready in 88 days. Its light yellow kernels are deep and closely arranged and of excellent flavor. A vigorous grower and an excellent home garden sort. **1/4 lb. 25c; Lb. 80c; 3 lbs. \$2.25.**

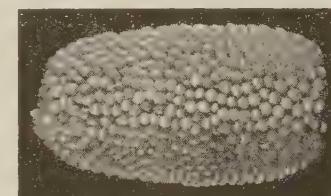
Pop Corn

Culture—Grown like Sweet Corn, but may be planted closer in the row, or hills 18 to 24 inches apart. Allow the ears to mature thoroughly before cutting. One pound will plant 500 to 600 hills.

3726 JAPANESE HULLESS, AUSTRALIAN HULLESS or Tom Thumb. A dwarf, heavy yielder, peculiar in form, being nearly as thick as long. Kernels similar to White Rice. Its crowning merit lies in its popping quality, fine flavor. **1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3732 SOUTH AMERICAN. Also called T.N.T. or Dynamite. Vigorous growth, 6 to 8 feet tall producing two and often three ears, 8 to 9 inches long of deep orange kernels, smooth and round, which pop larger than any Corn known, and of rich creamy-yellow, deliciously tasty. **1/4 lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

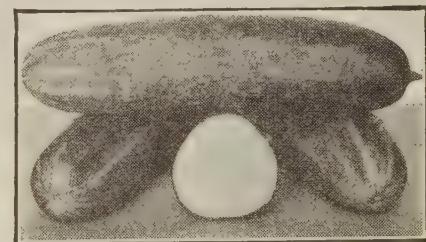
Protect Your Cucumbers with HOTKAPS



Japanese Hulless Popcorn



Long Green Improved Cucumber



Cucumber, Straight-8

Cucumbers

Culture—Light warm soil best for Cucumbers, although they do well in most any good well drained soil. After frost danger is past, sow seed in hills 4x4 or 4x6 ft. apart. Cover ½ inch deep, 8 to 10 seeds in each hill. Later when danger of insects is over remove all but 3 or 4 of the strongest plants. One ounce should plant about 500 hills, 2 lbs. an acre.

Slicing Cucumbers

3756 IMPROVED WHITE SPINE. Universally satisfactory. More extensively grown than any other. 6 to 7 inches long, 2½ inch diameter. **Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.75.**

3762 LONG GREEN IMPROVED. A model in size, form and color. Uniformly long, smooth, deep green. Money maker for the market gardener and a universal favorite for home use. 12 to 15 inches long, solid and crisp with few seeds. **Pkt. 10c; Oz. 35c; 1/4 lb. \$1.00; Lb. \$3.00.**

3765 LONGFELLOW. Extra long slicer. Excellent new variety, long, slender dark green. 12 to 14 inches by 2½ inches. Color holds well. **Pkt. 10c; Oz. 25c; 1/4 lb. 80c; Lb. \$2.50.**

3766 STRAIGHT-8. Most outstanding Cucumber developed in past decade. 8 inches long, uniformly cylindrical, deep dark green. Extremely productive, attractive, superior quality. **Pkt. 10c; Oz. 35c; 1/4 lb. \$1.00; Lb. \$3.00.**

3761 EARLY FORTUNE. Good length, rich dark green, well shaped and with thick white flesh and small seed cavity. Improvement over White Spine. Retains its color long after pickling. **Pkt. 10c; Oz. 25c; 1/4 lb. 80c; Lb. \$2.50.**

Pickling Cucumbers

3776 CHICAGO PICKLE. Meets the most exacting requirements of critical pickle makers. Right size, shape, color, and heavy yielder. Square ends. **Pkt. 10c; Oz. 25c; 1/4 lb. 80c; Lb. \$2.50.**

3780 NATIONAL PICKLING. A superior strain developed by Michigan Agricultural College. Straight, symmetrical, 6 inches when mature. **Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.80.**

Germaco Hotkaps New Method of Plant Protection



Hotkaps
New Method of
Plant Protection

Each Hotkap is like a miniature greenhouse and protects tender plants from frost, storm, sun, birds and insects. They maintain uniform moisture. With Fibre Setter: 25, 55c; 100, \$3.00; 250, \$5.65; 1000, \$17.50. Add 25c per 100 Hotkaps for packing.



Endive, Deep Heart Fringed

Endive

3794 GREEN CURLED. Best known variety. Highly prized as a salad during autumn and early winter. Also may be served like Spinach. Seeds should be sown in July and transplanted in rows in last of August. For early summer use, sow seed in early spring. Blanching may be done by tying up the outer leaves or by covering with straw. Pkt. 5c; Oz. 25c; 1/4 lb. 75c.

3795 BATAVIAN BROAD LEAVED. Escarole. Full hearted. Broad, deep green waved leaves and thick creamy-white midribs. Inner leaves form a cluster head which blanches white, crisp and tender. Pkt. 8c; Oz. 30c; 1/4 lb. 90c.

3796 DEEP HEART FRINGED. Awarded a Silver Medal in the 1940 All-America Selections, this new variety is of more upright and compact growth with leaves cut and curled at the edges. Instead of lying flat on the ground the outer leaves turn upward in more compact form. The well filled hearts are closely packed with an abundance of fine leaves blanched to clear creamy yellow. Well grown plants have a diameter of 10 to 12 inches and a depth of 7 to 8 inches. Pkt. 10c; Oz. 35c; 1/4 lb. \$1.10.

Egg Plant

3785 BLACK BEAUTY. Earliest good variety, is best for Northern States. Dwarf growing, fruits 2 to 3 lbs. Holds dark purple color for a long time. Pkt. 5c; 1/4 oz. 18c; Oz. 50c; 1/4 lb. \$1.50.

3784 NEW YORK SPINELESS. Best main crop variety about 10 days later than Black Beauty, but larger and more prolific. Each plant often bears 8 to 10 nice "Eggs" of deep rich purple. Fruits perfectly spineless. Our strain of seed is of Superfine Quality. Pkt. 8c; 1/4 oz. 25c; Oz. 75c.

Herbs

Most varieties of Herbs thrive best in sandy soil and some are stronger and better flavored when grown on rather poor soil. Sow as early as possible, in drills sixteen to eighteen inches apart, taking pains that the soil is fine and pressed firmly over the seed, or they may be planted as a second crop, the seeds sown in beds in April and the plants set out in June. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

3815 MAMMOTH DILL. 2 or 2 1/2 feet. Used for making Dill Pickles. Pkt. 10c; Oz. 25c.

3811 ANISE. Seeds used medicinally and in cooling cordials. Pkt. 10c.

3813 CARAWAY. Seeds used in confections, cakes and medicinally. Pkt. 10c.

3814 CORIANDER. Seed used for flavoring confections and garnishing. Pkt. 10c.

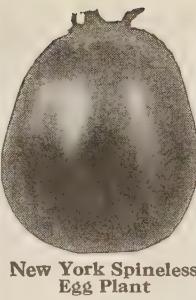
3818 SUMMER SAVORY. The young shoots, leaves and flowers used for seasoning, especially with String Beans. Pkt. 10.

Kohlrabi

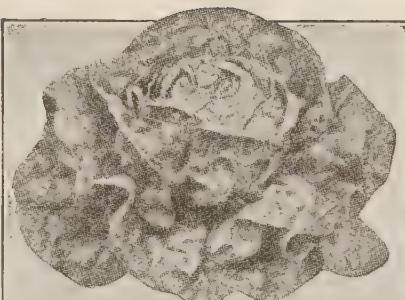
Turnip-Rooted Cabbage. Forms bulbs on stem above ground. Use while young, tender, sweet and nutritious. Sow in rows covering 1/2 inch deep, and thin the plants to stand 6 to 8 inches apart.

3831 EARLY WHITE VIENNA. Bulbs light green, early and tender, with small tops. A good forcing strain. Pkt. 10c; 1/2 oz. 40c; Oz. 75c.

3832 EARLY PURPLE VIENNA. Bulbs purple on surface; flesh light green. Few days later than White Vienna, a little larger and more heat resistant. Pkt. 10c; 1/2 oz. 40c; Oz. 75c.



New York Spineless Egg Plant



A single head of Grand Rapids Lettuce. Large but crisp and tender.

Lettuce

Culture—To be of best quality, Lettuce should be quickly grown. Likes plenty of moisture and fertility, will stand cool, even cold, soil and weather. Sow seed thickly, covering 1/8 to 1/4 inch deep in rows 12 to 16 inches apart, thin as soon as well started to stand 6 to 8 inches apart. Heading varieties need more room and transplanting. Plants for extra early may be started under glass or in a box in a sunny window. Any sunny corner of the garden may be prepared early and a little Lettuce started. One ounce should sow about a 125 foot row and produce around 3000 plants, 3 lbs. will produce enough for an acre.

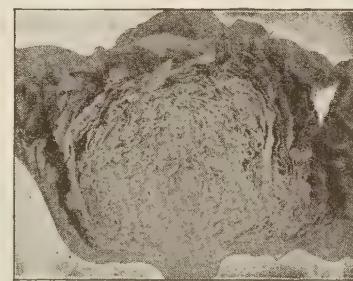
Head Lettuce

3848 BIG BOSTON. (White Seed) Big, tender, cabbage-heading Lettuce. Sure to please the most critical grower. The most popular of all head Lettuces. Medium large, finely shaped with slight tinge of brown on outer leaves. Pkt. 8c; Oz. 30c; 1/4 lb. 90c.

3849 NEW YORK. Los Angeles or Cabbage or Wonderful. (White Seed) One of the largest varieties, forming immense heat-resisting heads. Outer leaves dark green, heart blanches white, crisp and tender. Thin variety sold by produce men and grocers as Iceberg. Pkt. 10c; Oz. 35c; 1/4 lb. \$1.00.

3852 CALIFORNIA CREAM BUTTER. Royal Summer Cabbage or German Butter. (Black Seed) Reliable. Heads are rich, creamy-yellow inside, tender buttery flavor. Outer leaves green, spotted brown. Stands hot dry weather. Pkt. 8c; Oz. 35c; 1/4 lb. \$1.00.

3853 ICEBERG. (White Seed) Large crisp heading variety, very firm and solid. Leaves light green, fringed and wavy with edge tipped bronze. Heart white. Very good flavor, excellent for home garden but not a shipping variety. Pkt. 10c; Oz. 35c; 1/4 lb. \$1.00.

**Curled or Leaf Lettuce**

3839 GRAND RAPIDS. (Black Seed) This is the first to reach edible or marketable stage. Big loose heads with bright green crinkled and curled leaves are very attractive, tender and crisp. Used almost exclusively for forcing during the winter, as well as for early crops outdoors. Heads remain fresh several days. Pkt. 10c; Oz. 30c; 1/4 lb. 90c.

3840 PRIZE HEAD. "The Red Lettuce." (White Seed) One of the best thin leafed varieties for home garden. Leaves large, curled or crimped, bright green, tinged with brownish-red at edges, tender, crisp and sweet. Pkt. 8c; Oz. 20c; 1/4 lb. 65c.

3841 EARLY CURLED SIMPSON. (White Seed) One of the most satisfactory for early outdoor planting, forming large, loose heads of attractive light yellowish-green. Leaves are ruffled and curled. Always very tender. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

3842 BLACK SEDED SIMPSON. Bunching, non-heading, crisp, light yellowish-green leaves. Grows quickly, fine quality. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

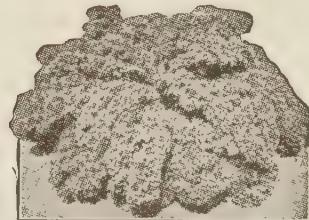
3857 COS, PARIS WHITE or TRIANON. Roman or Celery Lettuce. Self-folding, smooth dark green leaves. Heads compact and solid with well blanched interior. Crisp, sweet and tender. Pkt. 8c; Oz. 25c; 1/4 lb. 70c.



Dill



Cos or Celery Lettuce

Kale or Borecole

Kale, Dwarf Green Curled

3826 DWARF GREEN CURLED. Quickly grows a mass of tender fleshy green leaves for boiling greens. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

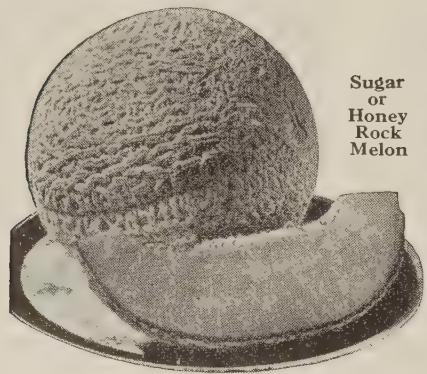
3827 TALL GREEN CURLED SCOTCH. Produces an abundance of dark green heavily curled and wrinkled leaves of excellent quality. Grows 24 to 30 inches tall. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

Leek

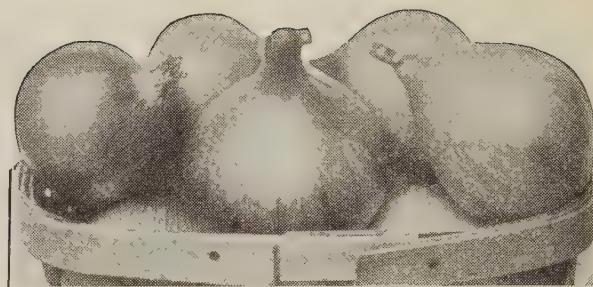
3861 AMERICAN FLAG LEEK. Belongs to the onion family. Fall and winter substitute for green onions. Leaves flat, stems large and bulbous. Pkt. 10c; 1/2 oz. 35c.



Kohlrabi, White Vienna

Sugar
or
Honey
Rock
Melon

Wondermelon



Southport Yellow Globe

Melons

Muskmelons—Cantaloupes

Culture—Muskmelons delight in warm, rich soil. Do not start outside until the soil and weather are warm, so for extra early crops plant some seed in the hotbed or window box. When it is warm enough to plant outside make the hills 3 x 4 ft. apart. Put ten or a dozen seeds in each hill, covering about 1 inch, and when the plants are well up, thin to three or four plants. Melons left on the vines until they are dead ripe are immeasurably better than any you can buy in the stores. When ready the melons should be a little soft and they will part readily from the stem. One ounce will plant about 60 hills, 2 to 3 lbs. an acre.

3864 GOLDEN LAKE CHAMPLAIN. Earliest, deep yellow fleshed melon. Its vigorous growth, productiveness, hardiness and good quality have been proven beyond any doubt. Temptingly sweet, nearly round, medium size and heavily netted. Pkt. 8c; Oz. 25c; 1/4 lb. 80c.

3865 GOLDEN HEARTS. A Melon to make your mouth water, the deep golden-salmon flesh is so sweet. Medium small, the size in demand for fancy hotel trade, averaging 5 to 6 inches in diameter, yet heavy because of thick flesh and small seed cavity. Ripens right down to the rind. Pkt. 10c; Oz. 30c; 1/4 lb. 90c.

3869 DELICIOUS. One of the finest melons for home gardens. Delicious has flesh of bright salmon and of delicious quality. Fruits are large, oval, heavily netted and prominently ribbed, weighing 5 to 6 pounds each. Delicious matures early and is especially valuable in districts of shorter seasons. Pkt. 8c; Oz. 25c; 1/4 lb. 80c.

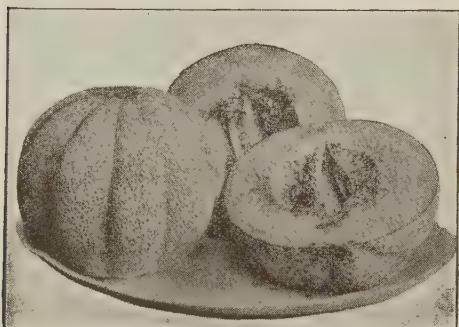
3872 SUGAR or HONEY ROCK. Well named, deep orange flesh, delightful flavor that must be eaten to be fully appreciated. Oval, medium in size, not ribbed but finely netted. Flesh deep and well colored to the rind. Rind is extremely tough and the flesh firm, making it a very fine market melon and one that will hold well on the vines until fully ripe. Floyd Bradley likes the sureness of its quality and its flavor better than any other. Pkt. 10c; Oz. 25c; 1/4 lb. 80c.

3870 EXTRA EARLY OSAGE. Our own strain for the gardener who wants the top prices for the earliest Osage, or who wants the first Osage on his own table. A week earlier than Miller's Cream, a trifle smaller and just as good quality. Pkt. 5c; Oz. 25c; 1/4 lb. 80c.

3878 ROCKY FORD. The best known green fleshed variety. Rich green, thick, juicy and delicious flavor. Our seed is Northern grown, insuring early maturing crops. Pkt. 10c; Oz. 30c; 1/4 lb. 90c.

Gold Medal - All America

3905 NEW HAMPSHIRE MIDGET WATERMELON. Midget Watermelon is early, size of large cantaloupe, produces in amazing numbers, matures in 8 to 10 weeks. Red flesh, black seed. Pkt. 25c.



Muskemelon Delicious

See
the
Smile

Watermelons

Even in the northern states it is now possible to grow your own Watermelons. Early varieties ripen in about 75 days.

Culture—Watermelons are grown very much like Muskmelons, but the hills require more space, 6x6, or 6x8 ft. After the soil and weather is warm drop a dozen seeds in each hill, covering one inch deep and later thinning out to the three strongest plants. Cultivate as long as possible before the vines cover the ground. One ounce will plant about 30 hills.

3901 WONDERMELON. Improved Kleckley's Sweets. Best for general use. Shape and color of Kleckley's Sweets. Larger, tougher, stronger rind and of unsurpassed sweetness and flavor. Medium early. Pkt. 10c; Oz. 25c; 1/4 lb. 70c.

3902 STONE MOUNTAIN. Finest quality, claimed to be sweetest of all large sized Melons. Round, dark green, with medium thick rind and flesh of rich crimson, solid and free from stringiness. Prolific, matures in 90 days. Pkt. 10c; Oz. 25c; 1/4 lb. 70c.

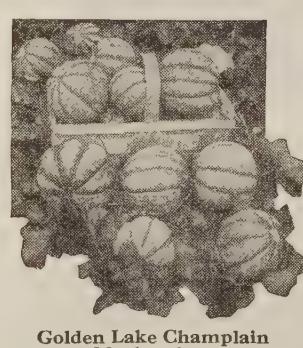
3903 NORTHERN SWEET. This large early maturing Melon is especially suited to those gardens in the north where other varieties will not mature. Pkt. 10c; Oz. 25c; 1/4 lb. 70c.

3894 COLE'S EARLY. Harris Early. The best variety to grow where seasons are short, as it is ready to eat 10 days earlier than the late varieties like Tom Watson. Medium size and nearly round. Skin mottled dark and light green, flesh dark red and very sweet. Pkt. 8c; Oz. 20c; 1/4 lb. 60c.

3892 SWIKA or ICEBOX. A very early Melon that will please everyone who likes them small enough to place right in their icebox without cutting. Swika grows 6 to 9 inches in diameter with very thin rind and rich sweet red flesh of wonderful flavor. Pkt. 10c; Oz. 25c; 1/4 lb. 70c.

White Bunching Onions

3924 HE-SHI-KO. Hardy, early, delicious. Can be sown in the spring, ready in 50 days, or sown in the fall, these white bunching onions will give you very early spring onions. Pkt. 15c; 1/2 oz. 45c.

Golden Lake Champlain
Muskmelon

Okra

Okra or Gumbo

3933 WHITE VELVET. Bears long, slender, white, fleshy pods. Cook like Asparagus or cut up into soups, stews, catsup, etc. Best if used when pods are 2 to 3 inches long. Pkt. 8c; Oz. 15c; 1/4 lb. 40c.

Onions

Grow plenty for early green onions and big bulbs for cooking in fall and winter also. A small space will yield lots of onions and they are easy to grow. The first requisite is good seed, the second, early sowing.

CULTURE—Get your onion seed in as early as possible. Cover in rows $\frac{1}{4}$ to $\frac{1}{2}$ inch deep, the rows 12 to 16 inches apart. Thin the young plants to stand about 2 inches apart or more, depending on the variety and the richness of the soil. Onions like a rich moist loam and will develop more and larger bulbs per foot on that kind of soil. One ounce should sow a 150 ft. row, 4 to 5 lbs. per acre.

Yellow Onions

3914 PRIZETAKER. A splendid large growing variety for fall markets or home use. With favorable conditions they may be grown from seed to weigh two pounds or more. Handsome straw-yellow skin, resembling the imported Spanish Onion. The flesh is mild and tender. Pkt. 15c; 1/2 oz. 40c; Oz. 75c.

3913 SWEET SPANISH or VALENCIA. A variety that will grow immense bulbs in your own garden as tender and sweet as the imported Spanish Onions. Globe shaped with light yellow skin and pure white flesh, mild and sweet. Better keeper than the original Spanish types. May be started indoors and transplanted, or started in the garden. Pkt. 15c; 1/2 oz. 45c; Oz. 80c.

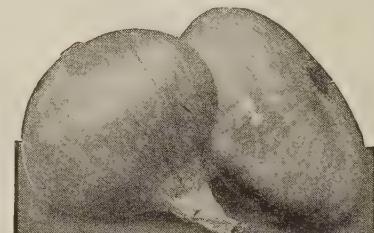
3918 YELLOW GLOBE DANVERS. Extensively grown for market, in the great onion growing sections. Bulbs flattened, globe-shaped, good size, bright straw-yellow. Flesh white, tinged yellow. Slightly earlier than Southport. Pkt. 15c; 1/2 oz. 35c; Oz. 65c.

3923 SOUTHPORT YELLOW GLOBE. Excellent late or main crop variety similar in size and shape to the other Southports, but rich yellow. Flesh white, mild flavor, fine keeping quality. Heavy producer. Pkt. 15c; 1/2 oz. 40c; Oz. 75c.

White Onions

3917 SOUTHPORT WHITE GLOBE. The most attractive white. Globe shaped, clear, transparent skin, flesh crisp, fine grained, mild flavor. Pkt. 15c; 1/2 oz. 45c; Oz. 85c.

3921 WHITE PORTUGAL or Silver-skin. Medium size, flattened, pure white. Most widely planted white variety. Flesh fine grained, firm, hard, long keeping. Much planted for sets. Pkt. 15c; 1/2 oz. 40c; Oz. 75c.



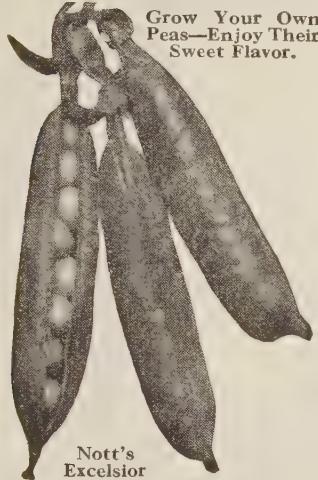
Prizetaker Onion



INOCULATE PEAS with LEGUME-AID

Increased production, higher quality and longer bearing season are the result of the use of LEGUME-AID for inoculating all pea and bean seed when planting.

LEGUME-AID Garden Size 15c.



Early Tall Peas

As the varieties in this group grow 2½ to 3½ feet tall, they are better when given supports on which to grow. As a rule they bear more pods over a larger period than the real dwarf varieties.

3968 THOMAS LAXTON. The best quality and heaviest yielding of all early tall Peas, only a few days later than Alaska, 2½ ft. tall. Pods long, broad, handsome, packed full of delicious sweet Peas. You can pick enough for a nice meal in short order. Outyields Gradus by 25%. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3967 PEDIGREED EXTRA EARLY. Smooth white seeded, 2½ ft. Well filled pods 2 to 2½ inches long. **¼ lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

3972 MAMMOTH PODDED EXTRA EARLY. Exception to the rule that larger podded require longer season. Practically as early as Alaska, ready for edible pods in about 8 weeks. The seed is smooth and hardy and can be planted extra early. The pods are large, dark green, 4 inches long and usually contain 7 large, sweet, light green Peas. **¼ lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

3966 ALASKA, or Earliest of All. Hardiest extra early. Very productive. Smooth, bluish-green, very fair quality. Height 2½ ft. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3969 WORLD'S RECORD. Improved Gradus. Superb quality. Heavier, sure yielder. 2 to 2½ ft. tall, pods dark green 3½ inches long. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

Main Crop and Late Peas

3975 TELEPHONE. Old favorite, very large pods, 4 to 5 inches long, 8 to 10 very large Peas of delicate light green color, excellent quality. 4 to 4½ feet tall. Very vigorous and productive. Fine second early variety. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3977 DAISY or DWARF TELEPHONE. Quite similar to Telephone in all respects except height of vine and maturing time. 2 feet tall. Pods 4 to 4½ inches long, 8 to 9 large dark green Peas. **¼ lb. 20c; Lb. 65c; 3 lbs. \$1.80.**

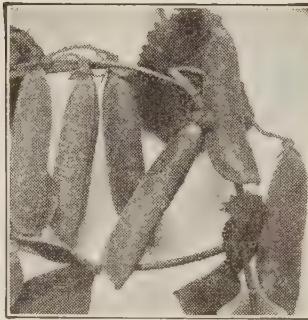
3974 ALDERMAN, BEST TALL MAIN CROP. 3½ feet. Telephone type, but darker green. Robust and productive. Large size and unsurpassed in quality. Best of the large main-crop varieties. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

Parsnips

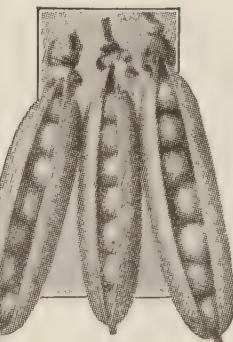
Culture—Parsnips are easily grown. Seed is slow to germinate. Soil should be worked fine and seed covered not more than ½ inch. Keep surface moist to prevent crusting over the seed. Thin out to stand 3 inches apart. One ounce should sow a 150 ft. row, 5 to 6 lbs. an acre.

3944 LARGE SUGAR. Improved Hollow Crown or Guernsey. Very productive. Large white roots, tender and sweet. Generally considered the best. **Pkt. 10c; Oz. 30c; ¼ lb. 90c; Lb. \$2.75.**

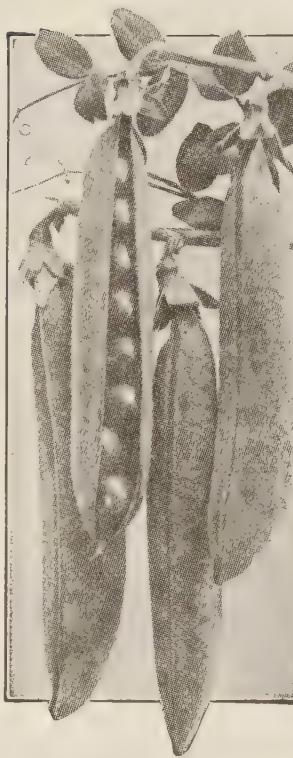
3945 SHORT THICK. Decidedly distinct with short thick roots, only 6 to 8 inches long in the thickened part. Desirable for shallow soil and easy to pull. Flesh tender and sweet. **Pkt. 10c; Oz. 35c; ¼ lb. \$1.00; Lb. \$3.00.**



Hundredfold



Alaska



Morse's Market

Peas

For Garden Fresh Peas All Winter Make An Extra Planting For Deep-Freeze

Peas from your own garden picked only an hour or two before eating are twice as sweet as those you would purchase. Try them and you will be convinced.

Culture—A Planting should be made every 10 days from earliest spring until hot weather. Another planting in late summer for fall, often gives good results. The extra early smooth seeded varieties are hardy and may be planted as early as the soil can be worked, the wrinkled varieties a little later. One pound should sow a 50 foot row, 120 to 180 lbs. an acre.

Early Dwarf Peas

3958 MORSE'S MARKET. A fine new Pea of highest quality, 15 inches tall. Abundance of thick, heavy pods 3½ to 4 inches long in pairs. Large, sweet and tender. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3971 HUNDREDFOLD. An early large podded dwarf variety, 18 to 20 inches tall. A strain of Laxtonian and to be preferred to Laxtonian or Blue Bantam. Pods 4 inches long, 6 to 8 large dark green Peas of excellent quality. Ready for picking in about 60 days, only a few days later than Progress. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3953 LAXTON'S PROGRESS. Perhaps the best of the Laxtonian group. It is a few days earlier than Hundredfold. Pods, 4 inches long, 7 to 9 peas, curved, pointed, 10 to 20 inches tall. Edible Peas in 8 to 9 weeks after planting. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3955 NOTT'S EXCELSIOR. Early, dwarf, wrinkled, sure cropper, pods very freely produced and they bear well, even under adverse conditions. A very fine, highly bred variety of sturdy, compact growth, 15 to 18 inches high. Pods chock-full of luscious peas of unusually sweet flavor. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3956 LITTLE MARVEL. A very fine early dwarf wrinkled Pea, with blunt very dark green, 3 inch pods, filled with good quality Peas. Only 15 inches high. **¼ lb. 20c; Lb. 65c; 3 lbs. \$1.80.**

3973 AMERICAN WONDER. Similar to Nott's Excelsior, though even better as it is not susceptible to wilt. Vines 15 to 18 inches tall. Pods plump, straight, blunt-ended, 3 inches long and thickly filled with large round Peas, deliciously sweet and delicately flavored. **¼ lb. 18c; Lb. 55c; 3 lbs. \$1.50.**

Edible Podded Peas

3981 MAMMOTH MELTING SUGAR. Height 4 feet. Well deserves its name. Cook and eat pods and all when half grown, same as Wax Beans. **¼ lb. 18c; Lb. 60c; 3 lbs. \$1.65.**

3982 DWARF GRAY SUGAR. Height 30 inches. Similar to Melting Sugar, dwarf, 2½ to 3 inches in length. Round and gray. **¼ lb. 18c; Lb. 55c; 3 lbs. \$1.50.**



Large Sugar Parsnips

Parsley

Culture—Parsley seed is slow to germinate and soaking a day before sowing will hasten growth. Cover only ¼ inch deep and do not let the soil crust over the surface. Thin the plants to stand 4 to 6 inches apart, and you can start cutting the leaves as soon as they are sizable. Make several sowings of Parsley seed to have a continual supply of fresh leaves. One ounce should sow a 150 ft. row. Our standard packets will contain ¼ to ½ ounce of seed.



Parsley, Paramount

3937 CHAMPION MOSS CURLED. For garnishing soups or stews. Our strain is extra nice fine curled. **Pkt. 8c; Oz. 25c; ¼ lb. 75c.**

3939 PLAIN LEAVED. Leaves flat and deeply cut but not curled. Deep green. Used for flavoring and drying. **Pkt. 8c; Oz. 25c; ¼ lb. 75c.**

3938 TURNIP ROOTED. Edible roots resembling small Parsnips. Used in flavoring soups, etc. Foliage like plain Parsley. **Pkt. 8c; Oz. 25c; ¼ lb. 75c.**

3940 PARAMOUNT. A new "triple-curled" variety with rich dark green foliage in thick compact fronds. Plant growth very vigorous and uniform. The finest home garden variety and excellent for bunching. **Pkt. 10c; Oz. 30c; ¼ lb. 85c.**

Peanuts

Culture—Plant the same time as corn, in rows 2½ ft. apart. Drop the shelled nuts 8 to 10 inches apart, cover 1 inch deep. When the plants are nearly full grown throw earth up to them. This will cause the nuts to form.

3948 EXTRA EARLY SPANISH. With this variety it is possible even in the North to mature a nice crop of peanuts. Nuts not extremely large but solid and sweet. Plant on light sandy soil in full sunshine. **Pkt. 15c; ¼ lb. 25c; Lb. 75c.**



Ruby King Pepper



California Wonder Pepper



Perfection Pimiento Pepper

Peppers

Culture — Start early in hot bed or boxes in the house. Cannot stand cold. Do not plant in the open until May 15th, or all frost danger is past. Space 18 to 24 inches apart each way, keep well cultivated. Any good garden soil if not too dry will grow Peppers. Do not plant Hot varieties next to Sweet ones. One ounce should produce 1500 plants, one packet enough for family garden.

3989 HARRIS' EARLY GIANT. Very large, produces enormous fruits maturing earlier than other large varieties. Sweet; produces big crops, even in the north. 5 inches high and 3½ inches thick, deep green turning to brilliant red, flesh thick with sweet, pleasant flavor. **Pkt. 10c; ½ oz. 40c; Oz. 75c.**

3986 RUBY KING. We have an improved strain of this popular variety. Very heavy bearer, thick meat and mild flavor. Average 5 inches long, dark green when young, ruby red when mature. **Pkt. 5c; ½ oz. 35c; Oz. 60c.**

3988 CALIFORNIA WONDER. Flesh, ¼ to ⅓ inch thick. Blocky shape, square cross section. Some weigh a pound. Deep green. Reaches full growth with late sorts, marketable fruits ready with earlies. Fruits of fine quality, free from pungency, sweet and tender. **Pkt. 10c; ½ oz. 40c; Oz. 75c.**

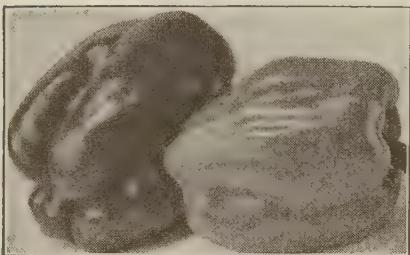
3985 PERFECTION PIMENTO. Bright crimson, medium size and shape, ideal for stuffing. Flesh very thick, fruit smooth. **Pkt. 8c; ½ oz. 35c; Oz. 60c.**

3997 SWEET YELLOW. Fruits excellent quality, medium size, heavy and clear yellow. Thick flesh, crisp, sweet, mild. **Pkt. 10c; ½ oz. 40c; Oz. 75c.**

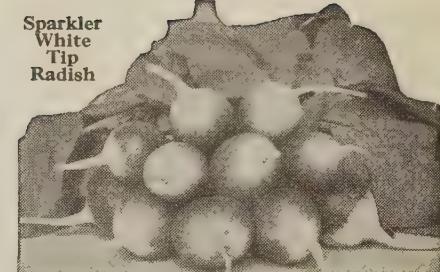
3983 PEPPER, KING OF THE NORTH. Early, heavy bearing, enormous fruits, dark green color turning deep red. Flesh thick, mild and sweet. One of the very best home garden varieties. **Pkt. 10c; ½ oz. 40c; Oz. 75c.**

3991 HUNGARIAN LONG HOT WAX. An early, hot variety much used for canning and pickling. A light yellow when young, turning to red when mature. The fruits are 2 to 3 inches in diameter and 6 to 7 inches long, with thick flesh. Sometimes called the Banana Pepper. **Pkt. 10c; ½ oz. 40c; Oz. 75c.**

3994 WORLD BEATER. A fine variety in which is combined earliness and large size. The fruits are freely produced, and will measure 3 inches thick and 5 inches long. **Pkt. 8c; ½ oz. 35c; Oz. 60c.**



Harris' Early Giant Pepper

Sparkler
White
Tip
Radish

Radishes

Radishes mature in 3 to 4 weeks, so plan for successive plantings.



Scarlet Globe Radishes



Icicle Radishes

CULTURE. Radishes are easily grown in nearly any soil but to be at their best they should grow quickly. For this purpose a light sandy loam is perhaps the best, rich but not recently fertilized with stable manure. A freshly manured soil produces ill shaped and often wormy roots. Sow as early as soil can be worked ½ inch deep, the rows 12 to 16 inches apart. One ounce should sow a 100 ft. row, 8 to 10 lbs. an acre.

4003 SAXA. Ready sometimes in 20 days from seed. Bright scarlet, round as a marble, smooth, very little tap root and small top. Flesh crisp and juicy. **Pkt. 8c; Oz. 25c; ¼ lb. 75c.**

4004 SCARLET GLOBE. Most popular of the extra early. Globe. Rapid growth, brilliant scarlet. Regular strain. **Pkt. 5c; Oz. 20c; ¼ lb. 60c.**

4005 EXTRA SELECT SCARLET GLOBE. Strain, grown from transplanted roots, as nearly 100 percent perfection as possible. Fine scarlet color, sparkling white flesh, tops just large enough for bunching. This is a beautiful oval rooted type, you will be delighted with the uniformity of the roots as you pull them. **Pkt. 10c; Oz. 25c; ¼ lb. 75c.**

4006 FRENCH BREAKFAST. Beautiful Radish of true olive shape. Color bright carmine with clear white, in lower portion. **Pkt. 8c; Oz. 20c; ¼ lb. 60c.**

4007 SPARKLER, WHITE TIP. Very early, globe shaped. Bright scarlet with distinct white tip. Our strain shows distinct white base, so it is pretty for bunching. **Pkt. 10c; Oz. 25c; ¼ lb. 75c.**

4008 CRIMSON GIANT GLOBE. Giant Butter. Not ready as quickly as other round varieties but it grows larger, often 1½ to 2 inches in diameter, and still crisp and firm. **Pkt. 10c; Oz. 25c; ¼ lb. 75c.**

4012 COMET. This wonderful new Radish is perfectly ball shaped, bright scarlet, with thin tap-roots. If left in the ground, Comet grows a larger size than other strains and still remains solid and crisp when other Radishes become pithy. **Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.25.**

4015 BRIGHTEST LONG SCARLET. Flesh pure white, crisp, tender and mild. Roots long, slim, bright scarlet with white tips, averaging about 6 inches in length. Small tops and quick maturing. **Pkt. 10c; Oz. 20c; ¼ lb. 60c.**

4016 LONG WHITE ICICLE. The finest White Radish grown. Long slender roots which remain tender and crisp until grown. Matures early, has small top which permits close planting. **Pkt. 10c; Oz. 20c; ¼ lb. 60c.**

See Page 8 PELLETED SEEDS Flower and Vegetable

Pumpkins

Culture—Grow same as winter Squash. One ounce should plant 25 hills, 8 seeds per hill; about 3 pounds an acre.

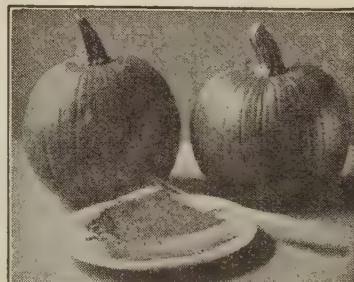
3999 SMALL SUGAR PIE. Is so well known as the best Pie Pumpkin, it requires little description. The fruit is small to medium, with solid, fine grained flesh. **Pkt. 8c; Oz. 20c; ¼ lb. 60c.**

3998 JUMBO, or King of Mammoths. Fruit enormous size, often 150 to 200 pounds. Grow a few for the County Fair. Fair quality for pies and great for stock food. **Pkt. 8c; Oz. 20c; ¼ lb. 60c.**

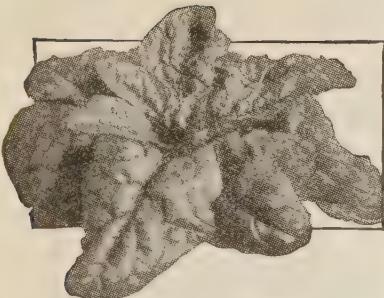
4000 WINTER LUXURY. Very popular and satisfactory for the home garden, producing abundantly. Slightly oval 10 to 12 inches in diameter, 8 to 10 pounds. Skin golden-russet and finely netted. Flesh thick, sweet and rich creamy-yellow. **Pkt. 10c; Oz. 25c; ¼ lb. 75c.**

Rhubarb, Victoria

4038 RHUBARB, VICTORIA. Rhubarb is easy to grow from seed and a few plants in a corner of your garden will furnish a surprising amount of material for delicious pies and sauces. Rhubarb is very healthful. Sow seed in early spring and transplant in early fall to permanent location. It is best not to pull the stalks the first year after transplanting so the plants will become well established. **Pkt. 10c; Oz. 25c; ¼ lb. 75c.**



Small Sugar Pie Pumpkin



Reselected Bloomsdale Savory Spinach

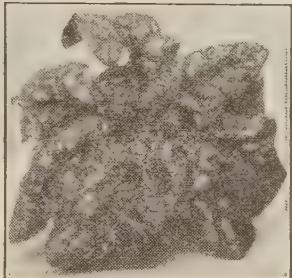


Salsify

Salsify

Culture—Salsify is grown very much like Parsnips though the rows may be spaced a little closer. Do not plant in freshly manured soil as this has a tendency to produce ill shaped roots. One ounce should plant a 50 ft. row.

4041 MAMMOTH SANDWICH ISLAND, Vegetable Oyster. In soup it has a delicious oyster flavor. Fine fried in butter or boiled and made into fritters. Perfectly hardy and may remain in the garden for spring use. Dig early in the spring, however, before growth starts. Pkt. 10c; Oz. 35c; 1/4 lb. \$1.00.



Spinach, Princess Juliana

Spinach

There is no more healthful vegetable than Spinach and it is so easy to grow that everyone should plant it.

CULTURE—Sow the seed in April for spring use, in August for fall use and in September for wintering over. Sow thinly in rows 12 to 15 inches apart, covering the seed about one-half inch; thin plants to four inches apart in rows. Spinach delights in cool, moist weather. One ounce should sow a 100 ft. row, 10 lbs. per acre.

4049 RESELECTED BLOOMSDALE SAVOY. Valuable variety, vigorous, rapid growing, hardy plants, compact. Leaves large, thick, fleshy and savoyed or crumpled. Produces first leaves quicker than any other variety. Big crop in 6 weeks after early spring sowing outdoors. Pkt. 8c; Oz. 25c; 1/4 lb. 75c.

4047 LONG STANDING BLOOMSDALE. Not quite as early as Reselected but stands 2 to 3 weeks longer. Heat resistant. Dark foliage. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

4045 PRINCESS JULIANA. Ten days later than Bloomsdale. Distinctly long standing. Slow to develop flower stalks. Large, crumpled, rich dark green leaves. For spring or fall planting. Pkt. 8c; Oz. 25c; 1/4 lb. 75c.

4048 NEW ZEALAND, Tetragonia or Everbearing Spinach. The only variety that will give you good cuttings of Spinach greens all summer without going to seed. Fine quality. This is an entirely distinct species, with smaller leaves, produced in very great abundance. Pkt. 10c; Oz. 30c; 1/4 lb. 90c.

Mustard Spinach

3912 TENDERGREEN. Plant of Mustard family which has become popular for its quick production of edible crop of excellent, mild, tender, mustard-like greens. Large green leaves ready in 4 weeks from planting and are prepared and used the same as Mustard or Spinach greens. Pkt. 10c; Oz. 20c; 1/4 lb. 50c; Lb. \$1.50.

Sunflower

4077 MAMMOTH RUSSIAN. Best egg producing food known for poultry. Single heads will often measure 15 to 18 inches across and contain an immense quantity of seed. Hang the heads in the poultry house, where the hens can reach them. Ounce Pkt. Sc; 1/4 lb. 20c; Lb. 50c; 3 lbs. \$1.25.

UConn Squash

1949 All-America Winner

4075 UCONN SQUASH. New All-America winner for 1949. Bush type Acorn, which takes a space only 3 by 3 feet. This new squash can be used all during the growing season and the mature fruit is an excellent winter keeper. It has a rich, meaty, delicious flavor. Pkt. 15c; Oz. 35c; 1/4 lb. \$1.10.

Favorite Winter Keeper



Improved Hubbard Squash

Winter Squashes

4056 ACORN, TABLE QUEEN, Des Moines, Queen Ann. The best little squash for "individual" baking or steaming. Dark green, 6 inches long, 5 inches in diameter, deeply ribbed, smooth hard shell. Cut it in half, take out seeds, cook for 20 minutes and enjoy the delicious nutty flavor of this little "Table Queen." It stands ace high among the Squashes. Try it, you'll like it. Pkt. 10c; Oz. 25c; 1/4 lb. 75c.

4072 BUTTERCUP. This new type, Buttercup, is just the right size for the average family, fruits weigh 3 to 5 pounds. Outside dark green, flesh a rich orange, untinged with green. Flesh smooth, flavor mild like a sweet potato. Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.50.

4074 BUTTERNUT. Delicious baked or boiled. Matures early and is a good keeper. Fruits 10 to 12 inches long, with neck of about 4 inches. Skin light creamy-brown; flesh yellow, fine grained. Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.50.

4070 IMPROVED HUBBARD. The most popular Winter Squash. Delicious for baking and rivaling the best pumpkin for pies. Has deep orange flesh. Our strain grows large, has dark green, moderately warted shell end and has been selected to give fruit of greater weight and food value than the ordinary Hubbard. Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.50.

4069 BLUE HUBBARD. Size and shape of warted Hubbard, but clear blue-green. Excels in flavor and dryness of the flesh. Pkt. 10c; Oz. 30c; 1/4 lb. 90c; Lb. \$2.50.

4066 DELICIOUS. A popular winter sort of trailing growth with top shaped fruits weighing 7 to 8 pounds each. Skin is dark green with light green stripes toward the blossom end. Flesh is thick, dry, bright orange in color and of excellent flavor. A very good keeper and most desirable for home use. Pkt. 10c; Oz. 30c; 1/4 lb. 90c.

Bush Scallop



Crookneck



Rutabagas

4145 AMERICAN PURPLE TOP, American Swede. Produces uniformly large, globe-shaped roots. Purple above ground and yellow below. Solid, rich yellow, fine-grained and sweet. Pkt. 8c; Oz. 18c; 1/4 lb. 50c.

Swiss Chard

No other vegetable will produce more nutritious greens from a small space than Swiss Chard or Spinach Beet. It grows rapidly forming large leaves with broad flesh stems and mid-ribs. Sow the seed in April or May and thin the plants out to stand 8 inches apart.

3596 LUCULLUS. Very large heavily crumpled, thick leaves and creamy-white stalks. Pkt. 10c; Oz. 20c; 1/4 lb. 65c; Lb. \$2.00.

3597 LARGE WHITE RIBBED. Dark Green. Has enormous leaves not quite as crumpled as Lucullus and pearly-white stalks extremely thick and broad. Pkt. 10c; Oz. 20c; 1/4 lb. 65c; Lb. \$2.00.



Purple Top White Globe Turnip



Swiss Chard

Tomatoes

Fruitone

We highly recommend the use of Fruitone for your tomatoes. This powder, which contains several plant hormones, will help develop a better set and larger crop as well as reduce the seeds in the fruit. **Pkt. 25c; 2 oz. \$1.00.**

Within the lifetime of people still living, Tomatoes have climbed from food of questionable value to a most important item of daily diet. People just learned to like them without help of what we know as advertising.

This importance has given Tomatoes a preferred space in gardens, for with but half a chance, even a few plants will produce large quantities of a fruit that is healthful and palatable whether eaten raw, cooked, solid or as juice, cold or hot.

Experts claim that Tomatoes are a good source of Vitamins A, B1 and C.

Your purchase of an automobile, refrigerator, washing machine gets you set for maintenance and repair expense. Your purchase of a packet of Tomato seed brings you a big dividend in a few short months. Don't stop buying the former, but by all means, plant Tomatoes for a good investment.

CULTURE. Tomato seed should be started early, by March or early April in hot beds or in boxes or pots in the house. An extra transplanting into other pots or cold frames is beneficial for root development before finally setting outdoors, when it is warm. Do not crowd Tomato plants. You want short stocky plants rather than tall spindly ones. One ounce should produce 2500 to 3000 plants. If set 36 x 24 inches apart you will need about 7200 per acre.

Transplantone

Use Transplantone when setting out your tomato plants. Plant hormones and vitamins bring on feeding roots more quickly, tending to eliminate the "setback" normally encountered. **Pkt. 25c; 3 oz. \$1.00.**

Hybrid Tomatoes



Clinton Hybrid Tomato

Clinton Hybrid Tomato

4081 BURPEEANA EARLY HYBRID. An extra early hybrid maturing in about 60 days. Medium size, globular, scarlet fruit borne in clusters of 5 to 8. An unusually heavy bearer for an early tomato. **Pkt. (30 seeds) 35c.**

4082 CLINTON HYBRID. This hybrid best for main crop, a heavy bearer with bright scarlet, somewhat oval globe shaped fruit weighing about 8 ounces. Bears in about 75 days. Flesh of excellent quality. **Pkt. (30 seeds) 35c.**

Greater Baltimore Tomato

4113 GREATER BALTIMORE. Its earliness, productiveness, appearance and color make it one of the most desirable tomatoes. The plants are large, somewhat open and vigorous, bear continuously until frost. Their ability to withstand heat and drought is what makes them good for canning. They should mature in 80 to 85 days. Fruit is large, deep, flattened, scarlet-red and often will weigh as much as six ounces. **Pkt. 15c; 1/2 oz. 40c; Oz. 75c.**

Small Fruited Tomatoes

4123 SMALL PRESERVING. A mixture comprising Red and Yellow, Cherry, Peach, Pear, Plum, Currant and Husk Tomatoes. Very desirable for preserves and canning. **Pkt. 10c; 1/2 oz. 35c; Oz. 60c;**

Scarlet Fruited Tomatoes

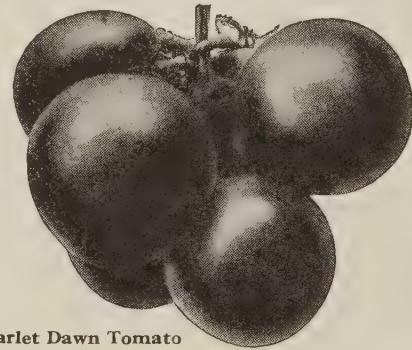
4084 EARLIANA. Seed from Crown Fruits. This strain has been especially selected for depth, smoothness and uniformity of fruit and yet is earlier than the regular strain. Super fine quality. **Pkt. 10c; 1/2 oz. 30c; Oz. 50c.**

4089 BONNY BEST. Right after the Earliana. One of the very best scarlet varieties for home garden or market. Fruits round, smooth, medium size and ripen evenly. Flesh firm, very productive. **Pkt. 10c; 1/2 oz. 30c; Oz. 75c.**

4097 NEW STONE. King of the Reds. Main crop variety. Uniformly large size, smooth and very solid, and of best table quality. Fine for canning. **Pkt. 8c; 1/2 oz. 30c; Oz. 50c.**

4090 LONGRED. Outstanding for its long and steady bearing season. Fruit smooth and round, uniform in size and rich red in color. Excellent for home gardeners as well as for the market. Vines are strong but not too large. **Pkt. 15c; 1/2 oz. 60c; Oz. \$1.00.**

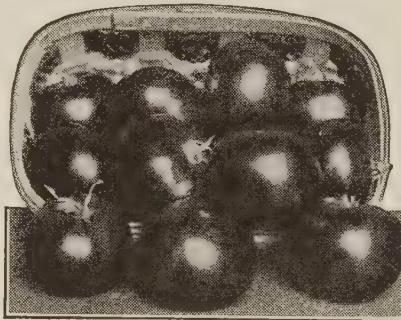
Disease Resistant Tomatoes



Scarlet Dawn Tomato

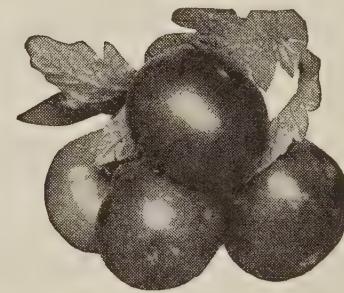
4094 SCARLET DAWN. Wilt-resistant, rust-resistant. Wonderful new Tomato of the deep Marglobe red color, globe-shaped, earlier and rounder than Pritchard, Scarlet Topper. Received Honorable Mention at the Cornell and the Connecticut Experimental Station trials as well as in the All-America. **Pkt. 10c; 1/2 oz. 40c; Oz. 75c.**

Purple-Pink Tomatoes

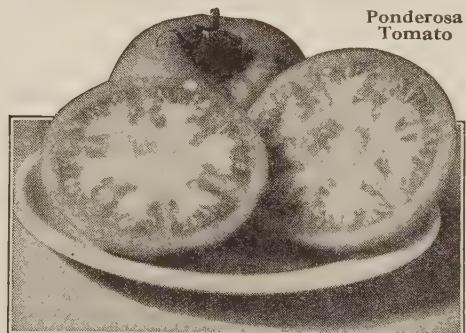


Tomato, "Acme"

4103 ACME. Popular purple, early ripening, medium size, slightly oval and smooth. Reddish-purple with deep scarlet flesh which is solid and meaty. **Pkt. 8c; 1/2 oz. 40c; Oz. 75c.**



Marglobe Tomato



Ponderosa Tomato

4095 MARGLOBE. Certified. Disease Resistant. Introduced by the U. S. Dept. of Agriculture for its resistance to "wilt" and "nail head rust." Scarlet fruited main crop variety; result of cross between Marvel and Globe; retains best characteristics of each. **Pkt. 15c; 1/2 oz. 35c; Oz. 60c.**

4091 PRITCHARD, or Scarlet Topper. All-America Gold Medal. Disease resistant variety developed by the late Dr. Pritchard of U.S. Dept. of Agriculture. Plant comparatively small but branching and a true self topper. Fruits medium size, smooth, solid, heavy, globe shaped, rich dark red both outside and in. Ripens only a few days later than Earliana. Superior Tomato in yield and quality. **Pkt. 10c; 1/2 oz. 35c; Oz. 60c.**

4101 RUTGER'S. Certified. Disease Resistant. Improvement over Marglobe. Brought out by New Jersey Experimental Station where it was heaviest yielding variety. Almost round in shape, ripens from the inside out, bright red and wonderful quality. **Pkt. 15c; 1/2 oz. 35c; Oz. 60c.**

4096 STOKESDALE—Certified. Second early tomato, good for home gardeners and canning. Bears heavy crop of smooth, globe shaped fruit that is solid and bright scarlet all through. Used extensively by commercial growers. **Pkt. 15c; 1/2 oz. 35c; Oz. 60c.**

Yellow Fruited Tomatoes

4118 GOLDEN QUEEN. The standard yellow tomato. Fruit deep-golden yellow, flattened globe shape, medium large. Very mild flavor with little acid. **Pkt. 10c; 1/2 oz. 35c; Oz. 60c.**

4120 JUBILEE. Orange or yellow skin and flesh that is solid and mild. Practically no acid. Is much like Rutgers in quality and maturing time. Try this for an outstanding and different yellow tomato. **Pkt. 15c; 1/2 oz. 50c; Oz. 90c.**

VEGETABLE PLANTING TABLE

19

If you are in doubt about how or when to sow the seed or plant the plants of certain vegetables, this table will give you the required information. Full cultural instructions are given for each vegetable on the page where it is listed. We are always interested in providing any information that will enable our customers to achieve the greatest possible success with their gardens. Caution: Don't cover the seed too deep. It will germinate more quickly if only a little soil is on the seed.

Name of Vegetable	Time to Plant in Window Box or Bed (In North)	Time to Plant in Open Ground Dates in Brackets for Second Crop		Seeds or Plants for 100 foot Row	Seeds or Plants for Acre	Days Until Ready to Use	Dist. Apart in Row in inches	Depth pl'tg in inches	Rows Apart Hand Cultivation	Rows Apart Horse Culti- vation
		South	North							
Asparagus Seed		Fall or Early Spring	Early Spring	1 oz.	4-5 lbs.	3-4 yrs.		1/2	18-24	30-36
Asparagus Plants		Fall or Early Spring	Early Spring	75 plants	7300	2 yrs. from 2 yr. plants	18	8	24-36	36-48
Bush Lima Beans	May 1st in Pots	Feb.-Apr. (Aug.-Sept.)	May-July	1 lb. 75 hills	65 lbs.	65-100	6-10	1	30	30-36
Pole Lima Beans	May 1st in Pots	Late Spring	May & June	3/4 pound	65	75-120	12-18	1	30-36	36-48
Bush Beans		Feb.-Apr. (Aug.-Sept.)	May-July	1 pound	75 lbs.	45-75	3-6	1	24-30	30-36
Pole or Corn Beans		Late Spring	May & June	3/2 pound	30 lbs.	65-110	18-24	1	30-36	30-36
Beets, Table	March	Feb.-Apr. (Aug.-Sept.)	April-August	2 oz.	5-6 lbs.	60-70	2-3	1/2	12-15	30-36
Beets, Stock		Feb.-Apr. (Aug.-Sept.)	April-August	1 oz.	5-6 lbs.	70-80	4-6	1/2	15-18	30-36
Brussels Sprouts	March	January to July	May & June	1/4 oz.	1/4 lb.	120-130	12-18	1/2	24	30-36
Early Cabbage Seed	Feb.-March	Oct.-Dec.	April-May	1/4 oz.	1/4 lb.	110-130		1/2	30	
Late Cabbage Seed	Apr. 26-May 26	June & July	May & June	1/4 oz.	1/4 lb.	130-140		1/2		
Cabbage Plants		May-June	June-July	1/2 oz.	2 lbs.	90-100	14-18	1/2	30-36	30-36
Broccoli	March-May	March-April	May-June	1/4 oz.	4 oz.	80-140	18-24	1/2	30-48	30-48
Cauliflower	Mar.-June 30	Jan.-Mar. (June)	April-June	1/4 oz.	5 oz.	85-140	18-24	1/2	30-36	30-36
Carrots	March	March & Apr. (Sept.)	April-June	1/2 oz.	2-3 lbs.	65-120	2-3	1/2	12-15	30-36
Celery Seed	March			1/4 oz.	4 oz.	125-150		1/8	12-30	36-42
Celeriac	April to May	Late Spring	May & June	1/4 oz.	4 oz.	120-150	6-8	1/8	18	30-36
Chives	Feb.-March	Feb.-April	April-May	1/2 oz.	3 lbs.		6-8	1/8		
Corn, Sweet		Feb.-April	May to July	1/4 lb.	12-15 lbs.	65-110	14-36	1-2	30-36	36-42
Cress, water		Early Spring	April-Sept.	1 oz.	2-3 lbs.	35-50	4-8	1/2	15	
Cucumbers	April in Pots	Feb. & Mar. (Sept.)	April-July	1/2 oz.	2 lbs.	60-85	48-72	1-2	48	48-72
Cucumbers Pickle		Feb. & Mar. (Sept.)	April-July	1/2 oz.	2 lbs.	55-80	48-72	1-2	48	48-72
Egg Plant	March	Feb.-April	April & May	1/4 oz.	4 oz.	120-160	18-24	1/2	30	36-42
Endive	March	Feb.-April	April (July)	1/2 oz.	3 lbs. 40,000 pt's	75-100	8-10	1/2	12-15	
Herbs		Feb.-May	April & May	1/2 oz.			6-18	1/2	15-18	30-36
Kale		Oct.-February	Mar. & Apr. (Aug.-Sept.)	1/2-1 oz.	3 lbs.	60-70	2-4	1/2	15-18	30-36
Kohlrabi	March	Sept.-March	March-May	1/2 oz.	4 lbs. 25,000 pt's	66-85	6-8	1/2	15-18	30-36
Lettuce Seed, Loose	March-April	Sept.-March	March-Sept.	1/4-1/2 oz.	3 1/2 lbs.	65-100		1/4	12-15	
Lettuce Seed, Head	March-April	Sept.-March	March-Aug.	1/2 oz.	2-3 lbs.	70-110		1/4	12-15	
Lettuce Plants		Sept.-March	April-Sept.	150-200	45-50,000	42-80	6-8		12-15	30-36
Leeks		May-Sept.	March-May	1/2-1 oz.	4 lbs.	120-140	6-10	1/2	15-18	30-36
Melon, Musk Seed	March	Feb.-April	April-June	1/2 oz.	2-3 lbs.	95-120	48-72	1-1 1/2	48-72	48-72
Melon Potted Pl'ts	April			25 plants	1,500-2,000	65-85	48-72		48-72	48-72
Melon, Water		March-May	May & June	1 oz.	4-6 lbs.	100-140	72-90	1-2	72-90	72-90
Mustard		Fall or Early Spring	Mar.-May (Sept.)	1/4-1/2 oz.	2-5 lbs.	60-72	1-3	1/2	12-15	
Onion Seed, Sets		Feb.-April	April-May	1-2 lbs.	50-60 lbs.	120-130		1/2-1	12-15	
Onion Seed, Large	Mar. & Transp.	Oct.-March	April-May	1 oz.	4-5 lbs.	90-130	2-3	1/2-1	12-15	
Onion Sets		Early Spring	Fall & Feb.-May	1-2 lbs.	6-12 bushels	40-60	2-3	1	12-15	
Okra		Feb.-April	May & June	1/4-1/2 oz.	4-6 lbs.	120-150	18-24	2	24	30-36
Parsley		Sept.-May	Sept. & Early Spring	1/2 oz.	2-3 lbs.	70-100	3-6	1/4	12-15	30
Parsnips		Feb.-April	April & May	1/2-1 oz.	5-6 lbs.	130-160	5-12	1/2	12-15	30-36
Peas, Early		Sept.-April	March-April	1-2 lbs.	120-180 lbs.	60-80	2	2-3	15-24	30-36
Peas, Late		Sept.-April	April & May	1-2 lbs.	120-180 lbs.	75-90	2	2-3	15-36	30-36
Peppers	April-May	Early Spring	May & June	50 plants 1/4 oz.	4 oz.	135-160	18-24	1/2	24-36	30-36
Potatoes, Irish		January-April	March-June	10 lbs.	10-12 bushels	75-130	12-14	4	24-36	30-36
Potatoes, Sweet	Apr. 15-May 5	April & May	May & June	75-100 plants	18,000 plants	120-140	12		30	30-36
Pumpkins		April & May	May-July	1 oz. 25 hills	3 lbs.	140-160	72-86	1	96	96
Radish	March	Sept.-April	March-Sept.	1 oz.	8-10 lbs.	25-50	2-3	1	12-15	
Radish, for Winter			Aug., Sept.	1 oz.	6-7 lbs.	40-60	2-6	1	12-15	30
Rutabaga		August & Sept.	July & Aug.	1/2 oz.	1-3 lbs.	75-80	3-6	1	12-15	30-36
Rhubarb		Feb.-April	Fall or Early Spring	1/2 oz.	3,650 plants	2 years	36-40	Crowns 3	36-48	48
Salsify		Feb.-May	Early Spring	1 oz.	6-8 lbs.	125-160	3-5	1	12-15	30-36
Spinach		Sept.-Feb.	Sept. or Early Spring	1 oz.	10-12 lbs.	60-75	2-3	1	12-15	
Swiss Chard	March	Mar.-Sept. 1st	April-July	1 oz.	4-5 lbs.	60-75	18-24	1-2	24-30	30-36
Squash Bush		Spring	April-June	1 oz. 40 hills	4-5 lbs.	60-120	48	1-2	48-72	48-72
Squash Vining		Spring	April-June	1 oz. 15-20 hills	3-4 lbs.	75-140	96	1-2	72-96	96
Tomato Seeds	March-Apr.	Dec.-March		1 Pkt.	2-3 oz. Staked 5,000	90-140		1/2		
Tomato Plants		April, May, Aug.	May & June	30-40	to 10,000 Flat 4,000	60-90	24-48		24-48	36-48
Turnips		Aug.-Oct.	April (July)	1 1/2-3 lbs.	50-75	3-4	1/2	12-15		

Helpful Hints About Starting Your Flower Seeds



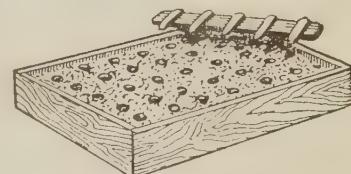
Fill flat to top with sifted soil and scrape level



Firm seed bed by tamping lightly with brick or board.



Sow seed in shallow rows and barely cover. Merely press very fine seed in the surface



An easy, time-saving method of making holes for transplanting seedlings.

A Start seed in open garden April to June where plants are to stand. Wait until danger of frost is past and soil is warm. Soil should be loamy and worked fine. If soil is heavy it is advisable to sow in seed bed (See culture "B") and transplant to permanent place. Very small seed should merely be pressed in or barely covered. Coarse seed should be covered to about four times its diameter. In either case, firm the soil over seed to bring up moisture. Soil should not be allowed to become hard and dry at any time, but too much water may cause "damping off." Lay a piece of burlap or newspapers over seed bed to hold moisture and prevent baking of soil before tiny plants appear above the surface. When the little plants come up, pull out some and transplant if they stand too thickly so they have a better chance to develop. Keep soil loose around the plants.

B Sow outdoors from April to June, then transplant. Prepare seed bed in the open, of loose, loamy soil, raised slightly above surrounding surface. Surround the bed with a wooden curb to prevent rain washing across it. Its width should not be more than four feet so it can be worked easily. If possible use spot sheltered from strong winds, but shady locations are not recommended as seedlings should have full sun. Sow seed in rows five inches apart. Otherwise follow instructions in culture "A" above. Transplant seedlings when they make true leaves which are second pair that show or they may be left until larger before being moved.

C Start seed in cold frame or flat or florists' pot outdoors April to July. This culture is for slow germinating seeds. Some require a year to germinate. Use soil described in culture "D." Firm soil and broadcast seed which should be covered about four times its diameter. Use shaded location with free circulation of air. In spring, summer and fall water often enough to prevent soil from drying out. Mulching with peat moss helps to retain moisture. Over the winter place in protected spot outdoors and cover with leaves. Remember such seed requires considerable time, so do not disturb too quickly. It will eventually grow if given time enough and soil, moisture, etc., are correct. If moss forms on soil, sprinkle fresh soil over top. When seedlings produce true leaves, transplant.

The following perennial seeds require "C" culture

Aconitum	Dictamnus	Penstemon
Adonis	Helleborus	Phlox
Baptisia	Lobelia	Polemonium
Cerastium	Meconopsis	Primula
Oenothera	Statice	

D Start seed indoors in April or May in box or regular florists' pot. Place receptacle in south window so it may have sunlight most of the day. Box should have holes in bottom for drainage. After covering drainage holes in pot or box with broken pottery, fill with mixture of half sand and half black loam. This is regular potting soil, which may be obtained from florists. Firm the soil. Place pot or box in water so that it soaks up from below, or use a fine spray that does not wash soil. Place in dark room, covering with piece of burlap or newspaper until the plants appear, when receptacle should immediately be placed in full light. To conserve moisture cover pot or box with glass. When moisture collects on glass, wipe it off and prop up one end of glass to allow circulation of air during the day while sun shines. A minimum temperature of 50 degrees at night and 75 degrees during the day give best results. At no time should soil be allowed to dry out. Transplant seedlings to other flats when they get their second set of leaves, setting them at least two inches apart, or they may be placed in small pots or in a border or seed bed outdoors.

The following perennial seeds require "D" culture

Arenaria	Edelweiss
Armeria	Heliopsis
Doronicum	Wallflower

E Sow in cold frame or hot bed in April or May. It is recommended that seed be sown in flats, which are placed in the frame. If hot beds are heated with manure, do not sow seeds until temperature of newly made bed has dropped to 90 degrees. It is important that watering and ventilation be closely watched. On sunny days in spring always keep one end of sash open to prevent overheating which would cause spindly growth. Soil should never be allowed to dry out. Transplant seedlings to other flats when they have made their second set of leaves. Plant two inches apart each way. They may also be transplanted to soil in hot bed or in open ground if not too early in season.

The following perennial seeds require "E" culture if not started indoors as in culture "D"

Arenaria	Edelweiss
Armeria	Heliopsis
Doronicum	Wallflower

Good Seeds Carefully Handled Make Good Gardens.

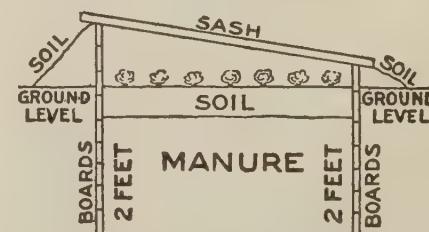
Templin-Bradley Seeds
are good seeds.

F Sow seed thinly in cold frame or flat or florists' pot outdoors in April after frost danger is past and any time up to August or September 1st. Use soil as described in culture "D." Broadcast seed which cover about four times its diameter and press in with edge of board. Place in cool, shaded location and keep soil moist. After germination supply bottom moisture and when seedlings get second or third set of leaves, transplant to more room. When they reach height of five or six inches and develop a fair root system, transplant to permanent place. The problem with seed started in mid-summer is that weather is usually so hot and dry and moisture supplied evaporates so rapidly, it is difficult to get good germination and quick growth. If you have a cool, moist spot to start seed or you provide means of gentle sprinkling and shading, you will be safe in starting then. Cloth or newspaper over the receptacle until plants appear, holds moisture and prevents baking. Plants of seeds sown in late summer really should be carried over first winter in cold frame for proper protection.

All perennial seed not listed under "C," "D," or "E" requires "F" culture.

THE HOT-BED

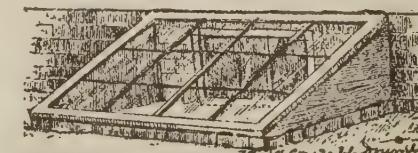
A hot-bed is really a miniature greenhouse and will enable you to start some plants from six weeks to two months earlier than otherwise. The cut below will give you quite a clear idea of the construction.



Showing the construction of a small hot-bed.

COLD FRAMES

One fine place to build a cold frame is right against a basement window of the house. Build it without a back and so arranged that the window can be opened to let heat from the basement get in.



A cold frame against a basement window.

Annual Flower Seeds

NOTE—"CULTURE," following name of each family of flowers, refers to planting information on page 20.

For over seventy years we have specialized in fine flower seeds for gardens and greenhouses of our customers.

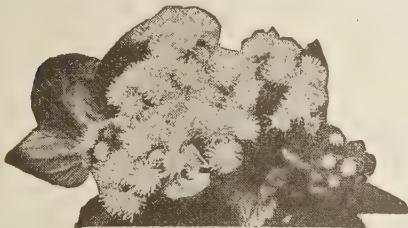
"Annual Flowers" complete their life cycle from seed to seed in one growing season. They make the best investment if you like flowers because they cost little, bloom profusely, add color, beauty and fragrance to your garden and provide an abundance of cut-flowers for the house.

A few, well chosen varieties from these pages, will assure flowers from early summer until fall frosts.

Flowers around the borders and background of your Vegetable Garden will dress it up as it should be. The time you spend in growing flowers pays big dividends in satisfaction and you may as well have your share.

Ageratum

Valuable edging plant, easily grown and covered with plentiful blooms from midsummer thru frost. Foliage especially attractive. CULTURE D OR E.



Dwarf Blue Bedder Ageratum

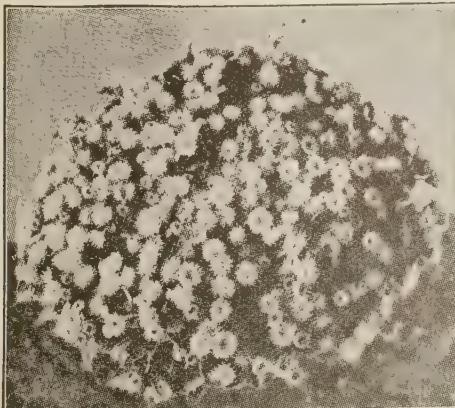
16 IMPROVED BLUE BALL. Rich, dark blue, flowers literally cover each plant. Use in borders to blend with pink Petunias and golden Marigolds, where its low growth of about 8 inches makes rich frame for the bed. Pkt. 15c; $\frac{1}{8}$ oz. 35c.

17 BLUE BALL. Dwarf, compact 10 to 12 inch plants with clear blue flowers. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

18 FAIRY PINK. This new Ageratum is a dwarf compact type, seldom growing over 5 or 6 inches tall, producing a mass of delightful soft salmon-rose-pink flowers. Plants begin blooming when a few inches tall and continue as the plant grows until it forms a solid mass of bloom. Pkt. 25c.

19 MIDGET BLUE AGERATUM. All-America Silver Medal 1940. After many years of intensive work in plant breeding and selection, a really dwarf Ageratum has been produced. Midget Blue grows only 2 to 3 inches high, has delicate foliage, which is practically smothered with deep blue flowers, making it a perfect flower for edgings. Pkt. 15c.

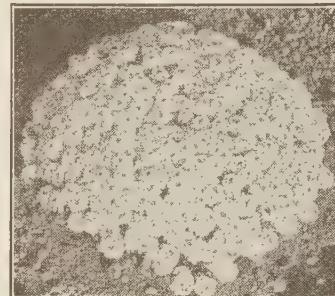
20 Dwarf Blue Bedder. This fine new variety is a very uniform grower. Four inches high and simply covered with large clusters of deep lavender blue flowers. Because of its uniform growth and rich color, this is one of the best edging varieties yet produced. Pkt. 15c.



Ageratum, Blue Ball Improved

Alyssum

Most popular of all flowers for very dwarf, compact borders and edgings. Blooms quickly from seed and continues until frost. Excellent for porch and window boxes. Delicately fragrant. CULTURE D OR E.



Little Dorritt Alyssum

26 LITTLE DORRITT. Marvelous new type, forms perfect little plants 4 inches tall, completely covered with fragrant tiny white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

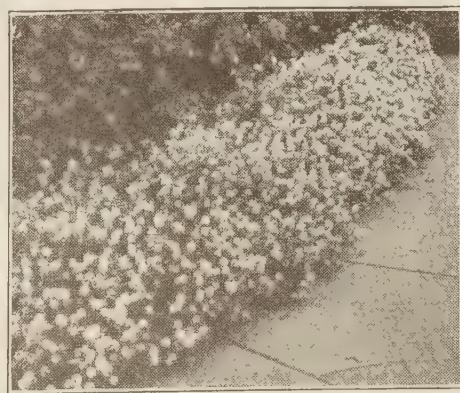
21 SWEET WHITE, Benthami Maritimum. Semi-trailing so suitable for boxes and hanging baskets. In the border it spreads to 18 inches or more. White and sweet scented. Pkt. 8c; $\frac{1}{4}$ oz. 35c; Oz. 90c.

22 LITTLE GEM. Best white with most uniform plants. 6 inches tall. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

ALYSSUM PELLETED SEED See Page 8

25 VIOLET QUEEN. Flowers of this new variety have a character peculiarly their own, being of a pretty bright violet tint. Plants are dwarf and neatly compact and just as free flowering as the white varieties. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

24 PROCUMBENS. "Carpet of Snow." This variety of Alyssum is only about $2\frac{1}{2}$ inches high, somewhat spreading, and covered with a mass of Snow-white flowers in carpet effect. Pkt. 10c; $\frac{1}{8}$ oz. 20c; Oz. 80c.



Alyssum, Popular Border Plant



Arctotis, Hybrida Mixed

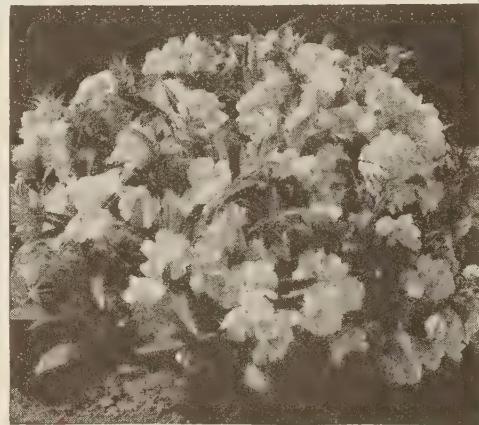
Arctotis

Arctotis or Lavender Daisy is one of the loveliest Daisies, and most desirable annual for cut-flowers as well as for the garden. This Blue-Eyed African Daisy should not be confused with our Golden African Daisy or Dimorphotheca. CULTURE D OR E.

128 HYBRIDA MIXED. One of the most beautiful novelties offered in recent years. The flowers are like Arctotis Grandis in form but in pink, rose, yellow and orange, with dark centers. Pkt. 10c.

Anchusa

35 CAPENSIS, Cape Forget-Me-Not. 18 to 24 inches tall; bears profusion of Forget-Me-Not like flowers; freely branching; blooms all summer and excellent cut-flowers. Culture A or B. Pkt. 10c.



Balsam, Bush Flowered

Balsam

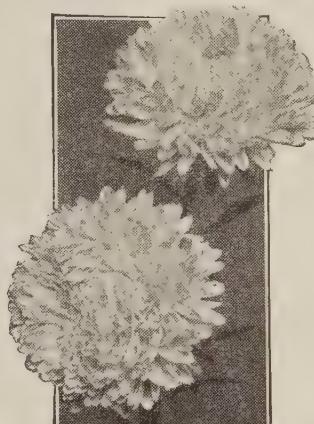
Balsam or Lady's Slipper, form nearly symmetrical, tree-like plants with a profusion of wax-like flowers in most brilliant colors. Easy culture, grow $1\frac{1}{2}$ to 2 ft. tall. May be sown in late summer for transplanting in the fall for winter blooming indoors. CULTURE A OR B.

309 BUSH FLOWERED MIXED. This new type of Balsam will grow only 15 to 18 inches tall forming dense, shapely, compact plants with rich dark foliage. The lovely double blooms are borne above the foliage like miniature bouquets. With its delightful array of color this variety will add much interest and beauty to your garden. Pkt. 10c; $\frac{1}{8}$ oz. 60c.

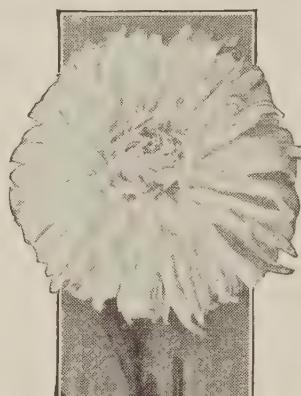
306 DOUBLE ROSE FLOWERED. Great variety of rich colors. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

307 CAMELLIA FLOWERED. Tightly double as a Camelia and in grand color range. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

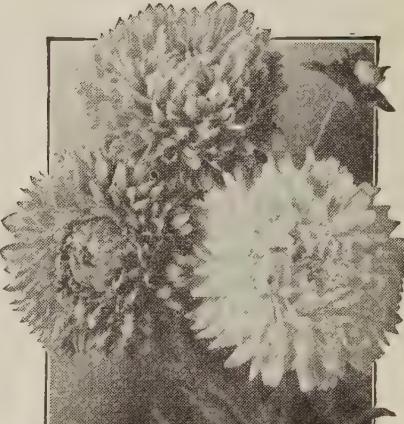
Templin-BRADLEY'S Glorious ASTERS

Early Royal
Branching Asters

Beauty Asters



California Giant Asters



American Branching Asters

Asters should have a place in your garden if you like plenty of flowers from July right on to frost. Their colors will suit your taste whether it be for white, delicate blues, pinks, salmons, yellows or the brilliant reds, deep purples and crimson. Even a small bed of Asters will provide you with cut-flowers which will stand up in the home in hot weather. They are in such demand that customers in all parts of the country find ready sale for cut-flowers on the regular flower markets, on wayside stands and among neighbors. The intensive work in breeding which has been carried on by our specialist has resulted in improving the length of stems, the size of flowers and in fixing colors.

American Branching Asters

Wilt-Resistant

Fully double globular flowers 4 inches across, petals incurved, stems often 2 feet long. Excellent cut-flower from midseason to frost. Branching habit, vigorous plants. Pleasing colors. You will love them.

145 Coppery Rose	147 Shell Pink
143 Crimson	144 Sensation
146 Dark Lavender	(Scarlet)
142 Purple	148 White

141 Above Colors Mixed

Price, any Color or Mixed, Pkt. 10c; 1/8 oz. 30c.

150 Collection Offer—Value 70c
7 Pkts. 1 each of 7 above colors 50c

New—Little Giants Asters

Wilt-Resistant

These new Little Giants are a distinct type of Asters. The plants grow 12 inches tall and form a perfect mound of flowers. Blooms are of the feathery Crego type, 4 to 5 inches across, and one plant will have 40 to 50 flowers showing at a time. Little Giants make the ideal bedding Aster.

202 Azure Fairy. Dainty lavender.
203 Rosamond. Soft rose-pink.
204 White Mound. Snow-white.

Price Any Above Little Giants. Pkt. 15c; 1/32 oz. 35c.

Ballet Type Asters

Wilt-Resistant

This new Ballet type Aster is complete change in the Queen of the Market Class. Plants are extremely early, and bear flowers larger than ordinary Queens, with a distinctive crested center. It is this full center which makes the Ballet type extremely double. Ballet type are the earliest of all Asters and are wilt-resistant. Fine for early cut-flowers.

169 Mixed Colors. Pkt. 15c; 1/8 oz. 40c.

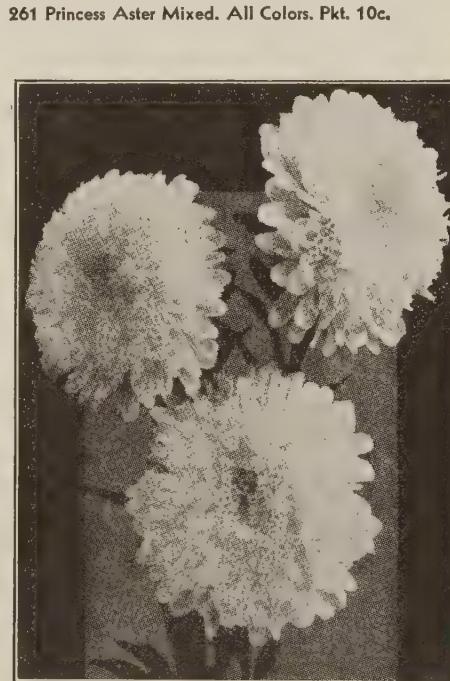
Pelleted Asters See Page 8.

New Princess Asters

Wilt-Resistant

Full crested center, surrounded by several rows of guard petals. Fine keepers and shippers. 18 to 24" tall. Flowers 3 to 3 1/2 inches across and flower early.

265 Princess Anne. Opens peach blossom, turns rose.
266 Princess Bonnie. Soft salmon-rose, gold center.
264 Princess Barbara. Beautiful soft orchid tones.
262 Princess Elizabeth. Pure white.
268 Princess Golden Sheaf. Deep golden yellow.
263 Princess Margaret. True Aster-rose color.
267 Princess Marsha. Cinnabar scarlet.
269 Princess Susan. Clear true deep blue.
Price Any Above Princess Asters. Pkt. 10c.
261 Princess Aster Mixed. All Colors. Pkt. 10c.



Asters, Princess Type

California Giant Asters

Large, full flowers of the Crego type with broad, graceful petals, borne on long heavy non-lateral stems. Plants 3 feet tall, blooming from mid-summer until frost. California Giants are in great demand for cut-flowers, both by the home gardener and the Florist.

211 Mixed Colors, Pkt. 10c; 1/8 oz. 40c.

Planting Instructions for all Flower Seeds will be Found on Page 20

A most important development in Asters has been the work in making them wilt-resistant. This has been going on for several years and just as rapidly as we accomplish this important work with a family of Asters, we cease producing non-resistant strains and offer to you only strains which are resistant to Fusarial Wilt. All such are noted under the family name. The enjoyment you will get from growing Asters will be one of your greatest joys in flower growing. The fact that a large number of America's leading florists obtain Aster seed from Templin-BRADLEY each year is the strongest recommendation of quality we can offer you.

Early Beauty Asters

Wilt-Resistant

Good sized flowers with center petals curled and whorled, blooms about same time as American Branching. Unexcelled for cut-flowers. Stems up to 2 feet. Sturdy plants with many branches. A distinct type you will be glad to have.

151 Mixed Colors, Pkt. 10c; 1/8 oz. 30c.

Early Royal Branching Asters

Wilt-Resistant

A very early, large flowered, long stemmed variety, which not only does exceptionally well in the garden, but is also adapted for planting in greenhouses for early summer cutting. Lots of people grow Asters, but when you see this one you will wonder why everyone does not grow them. Our mixture contains Azure Blue, Deep Rose, Peach Blossom Pink, Crimson, Purple and White.

231 Mixed Colors, Pkt. 10c; 1/8 oz. 35c.

Giant Branching Crego

Wilt-Resistant

Like Japanese Chrysanthemums with long, twisted and curled, reflex petals. Flowers 4 inches across and fully double. Tall, strong, heavy bearing, long stemmed flowers that bloom from mid-season to frost. Excellent colors. One plant makes a big bouquet.

191 Mixed Colors, Pkt. 10c; 1/8 oz. 30c.

Queen of The Market

Wilt-Resistant Asters

These well known early flowering Asters are of the branching habit, about 20 inches tall and come into bloom very early. The flowers are fully double and the stems long. They are very useful for early market and for early cut-flowers.

161 Mixed Colors, Pkt. 10c; 1/8 oz. 30c.

Early Giant Asters

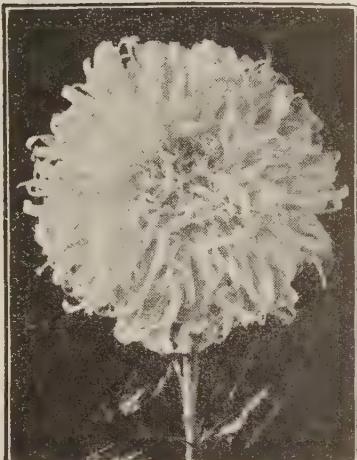
Wilt-Resistant

The flowers of this new type are of the large Giants of California form, while the plants are slightly shorter, about 1 1/2 feet tall, of the branching habit. The Early Giants are early blooming, coming into flower four to six weeks earlier than the Giants of California, but with the same fine flower form.

173 Mixed Colors, Pkt. 15c; 1/8 oz. 40c.

Templin-Bradley's Glorious Asters

Continued from preceding page.



Aster, Super Giant Los Angeles
See also El Monte

291 SUPER GIANT LOS ANGELES. Wilt-Resistant. The last word for size and beauty in Asters. The flowers are 6 inches across with graceful, interlacing petals and are really like magnificent Chrysanthemums as the illustration above shows. The color is pure shell pink, a favorite shade in Asters. Plants 2½ feet tall. **Pkt. 15c; ½ oz. 55c.**

292 SUPER GIANT EL MONTE. All-America. The only really large-flowered crimson Aster. It is a deep crimson, composed of quantities of daintily interlaced, plume-like petals. The flowers are extremely large and fluffy, borne on heavy non-lateral, basal branched stems. Very early and long lasting blooms. Considered the finest Aster yet introduced. **Pkt. 15c; ½ oz. 55c.**

281 HEART OF FRANCE. Wilt-Resistant. The finest red Aster, as alluring as the richest Ruby and retains its color to the very end. The petals appear changeable, sometimes showing a glow, sometimes a warm velvety texture. Plants 1½ feet tall and well branched. **Pkt. 10c; ½ oz. 30c.**

All Types Mixtures

300 WILT-RESISTANT MIXED. A splendid well balanced mixture of wilt-resistant strains containing all the colors and types listed on these two pages. This mixture should give you a continuous supply of wonderful blooms for cut flowers throughout the entire season. You will enjoy studying the types. **Pkt. 8c; ½ oz. 35c.**

304 EXTRA QUALITY MIXED. Very carefully prepared, containing all of the separate types we list, and others as well. It will give you a beautiful Aster collection for the price of one packet—early, mid-season and late varieties, and all the colors known to Asters. Plant a quantity of this mixture and see what delights are in store for you. **Pkt. 8c; ½ Oz. 25c; ¼ oz. 40c.**

One Color Mixtures

Now nearly at the head of the list in popularity these mixtures are made up of the one color indicated from all the types and varieties available and provide an abundance of bloom of this one color from the earliest to the latest.

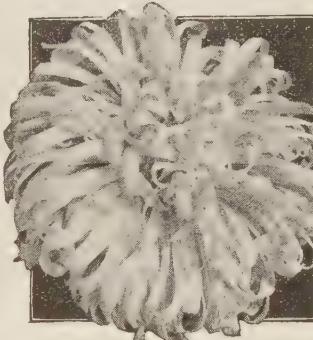
Gardeners are fast accepting these color segregations as the most satisfactory to use when aiming for an abundance of material for bouquet use.

301 WHITE VARIETIES MIXED. A splendid mixture of the best of all white varieties consisting of all types, early, mid-season and late thus giving you a continuous bloom of large lovely white blooms all summer. A delight to those who appreciate flowers. **Pkt. 10c; ½ oz. 35c.**

302 PINK VARIETIES MIXED. This mixture contains all the best pink varieties of all types early, mid-season and late and will give you an abundant supply of blooms in the delightful shades of pink. **Pkt. 10c; ½ oz. 35c.**

303 BLUE VARIETIES MIXED. All the varieties are represented in this fine mixture of light blue and mid-blue Asters. Early, mid-season and late sorts are all included and will give you a most excellent supply of blue flowers for cutting. **Pkt. 10c; ½ oz. 35c.**

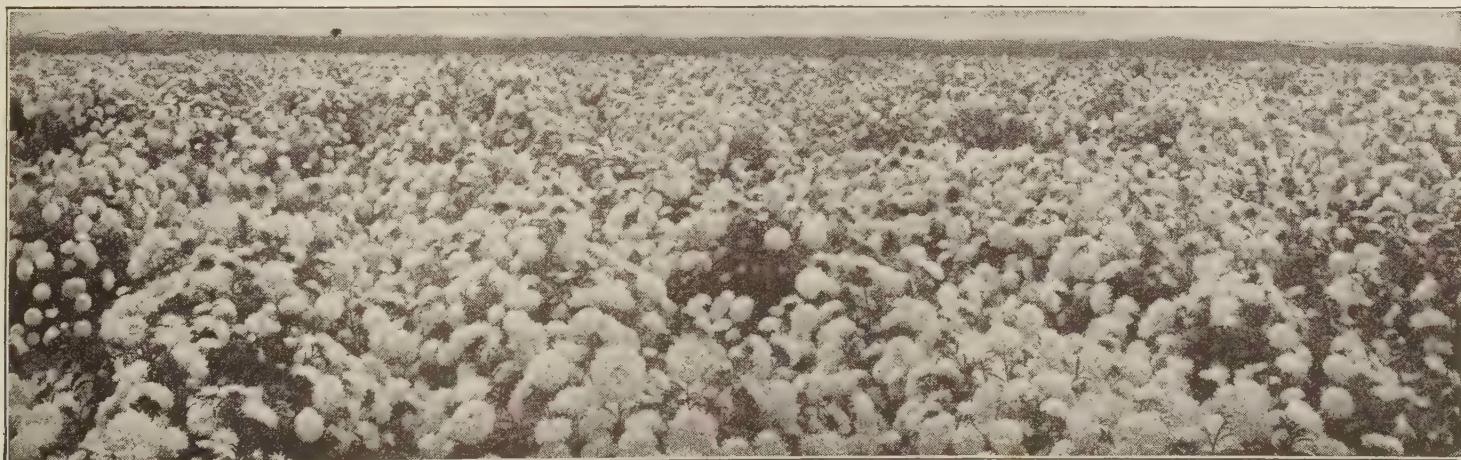
Variety Color Mixtures



The Graceful Comet Aster

171 GIANT BRANCHING COMET MIXED. Wilt-Resistant. Like Japanese Chrysanthemums with long, twisted and curled, reflex petals. Flowers 4 inches across and fully double. Tall, strong, heavy bearing, long stemmed flowers that bloom from mid-season to frost. Excellent colors. One plant makes a big bouquet. **Pkt. 10c; ½ oz. 30c.**

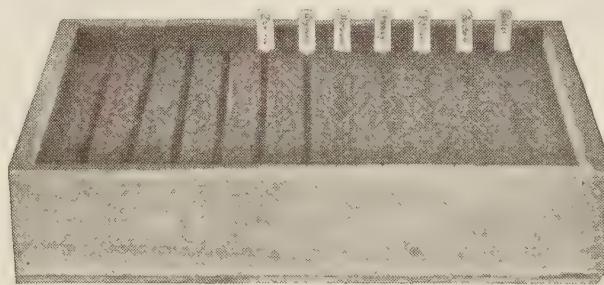
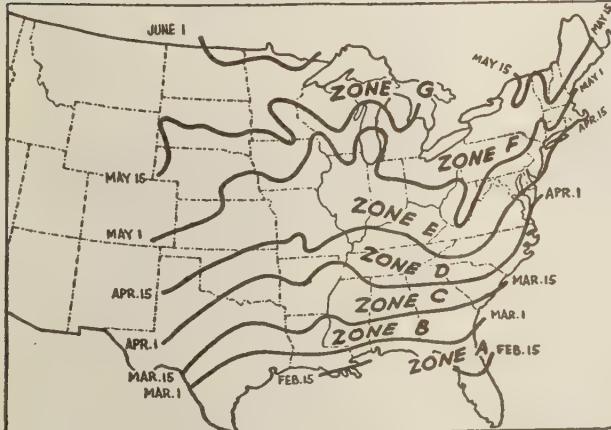
181 OSTRICH FEATHER MIXED. Wilt-Resistant. A lovely type of Aster with large, full, fluffy flowers of irregularly twisted petals, resembling Ostrich plumes or feathers. Plants 2 feet tall and of robust growth. Long stems make them fine for cut-flowers. Blooms in mid-season. **Pkt. 10c; ½ oz. 35c.**



A Field of Templin-Bradley's Wilt-Resistant Asters Being Grown for Seed.

To Beat the Weather in Spring

Use this map to locate your home. Note the dates at right edge and lines running from them. Dates indicate average last killing spring frosts over a number of recent years.



Start tender flower and vegetable seeds indoors in flats as shown in illustration, so when danger of killing frosts has passed, you can transplant seedling plants into your garden with reasonable safety.

This will give you earlier flowers and vegetables than if you planted seed directly in your garden and be much less expensive than if you purchased started plants locally.



Sensation Calendula



Calendula, Orange Shaggy

Calendulas

If you like a gala atmosphere in your garden, plant Calendulas. Unrivalled for brilliant color and will fill your garden and house with their charming beauty all summer and fall.

By careful plant breeding, Calendulas have been greatly improved in size and color and we offer you a wonderful selection of varieties in all the gay shades of orange, yellow and lemon. They come in double, loose and quilled petal types. 2½ to 4 inches in diameter and 12 to 18 inches tall. CULTURE D OR E.

416 MIXED CALENDULAS. An excellent mixture of orange, yellow, lemon, and striped varieties that will give many beautiful bouquets, and a very bright showy bed in the garden. Pkt. 8c; ½ oz. 35c; Oz. 50c.

420 SENSATION OR CAMPFIRE IMPROVED. Vigorous growth and strong stems needing very little disbudding to produce the finest flowers. Blooms flat and undoubtedly the largest of any Calendula. Color is brilliant orange with scarlet sheen, and full yellow center. Pkt. 10c; ¼ oz. 30c.

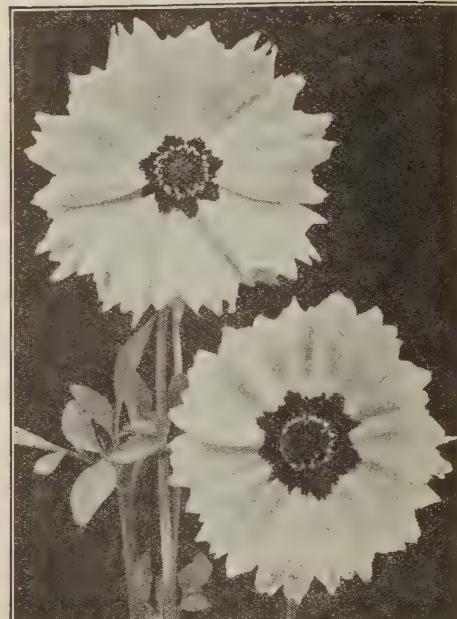
Calendula
Pastel Shades

426 PASTEL SHADES CALENDULA MIXED. Dwarfer growing types; especially adapted for bedding or borders. Many shades of apricot, salmon, cream, white, orange and lemon. Pkt. 10c; ¼ oz. 25c.

427 ORANGE SHAGGY, Gold Medal Award. An unusual Calendula, with over-lapping, deeply fringed petals. Rich, glowing orange, shading to lighter orange in the center. Large flowers, 18 inch stems. Excellent bouquet variety. Pkt. 10c; ¼ oz. 30c.

441 BALL'S GOLD. A special florist's strain, by many considered the finest of all. A rich golden-yellow lighter than Ball's Orange. Pkt. 15c; ½ oz. 30c.

443 BALL'S ORANGE. A companion to Ball's Gold with same good form and size, but rich orange in color. Extra long stemmed. Pkt. 15c; ½ oz. 30c.



Calliopsis Golden Crown

Cactus

Grow them from Seed.

403 MIXED CACTUS. A fine mixture of the many sorts that can be successfully grown from seed under ordinary conditions. Interesting hobby. With good drainage and thoroughly broken up soil, screened, with sand added it is not too difficult. Culture C, D or E. Pkt. 25c.

California Poppy
Single Eschscholtzia

California Poppy

Listed under Poppies.

Garden Magic Book

3 Books in One for \$3.00

Garden Manual—Reference Work
Durable Fabric Bound Book



Hundreds of
Helpful
Illustrations
Are Yours in
“Garden Magic”

\$3.50 Per Copy Postpaid

Use RA-PID-GRO

Complete Plant Food—Soluble, Quick Acting—Feeds through foliage, as well as through roots. One pound makes 22 gallons of Plant Food.

2 oz. 25c; 1 lb. \$1.25; 2 lb. \$2.35.

TRI-CON Lawn Fertilizing Nozzle for applying RA-PID-GRO to your lawn and shrubs. Each \$4.75.

Calliopsis

Calliopsis, or Annual Coreopsis is one of the finest midsummer annuals for mass planting or clusters in the garden or border. So profuse and continuous blooming that they will furnish much for cutting and still always maintain a wonderful display in the garden. CULTURE D OR E.

416 TALL MIXED. Produces flowers in nearly every shade of yellow, orange, crimson and brown, on long wiry stems, fine for cutting. Pkt. 10c; ½ oz. 25c.

465 GOLDEN CROWN. A greatly enlarged variety of the Drummondii type with an extra row of petals which produce a semi-double flower of great attractiveness. The color is a rich shade of orange-yellow or gold enhanced by dark rich colored centers. Stems are 12 to 15 inches long and fine for cutting. Pkt. 15c; ½ oz. 30c.

HORMODIN

REG. U. S. PAT. OFF.
No. 1
No. 2
No. 3
POWDER

Success With Cuttings

HORMODIN POWDER is the new root inducing chemical which stimulates rapid root growth on cuttings.

HORMODIN NO. 1, for carnations, roses, poinsettias, chrysanthemums and similar types 1 ¾ oz. tin 50c.

HORMODIN NO. 2, for woody and semi-woody types of cuttings. 1 ¾ oz. tin 75c.

HORMODIN NO. 3, for evergreens and dormant leafless cuttings. 1 oz. tin \$1.00.

COMBINATON PACKAGE. Contains package of each of the three powders sufficient for several hundreds of cuttings. Combination 75c.

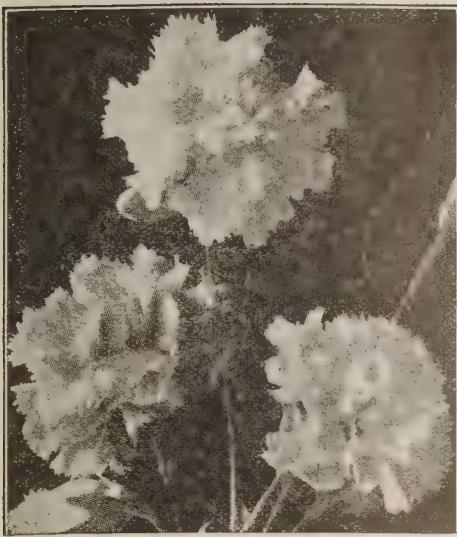


“DOGZOFF”

If you are bothered with dogs, cats or rabbits, “Dogzoff” is the spray you need. A most efficient animal repellent, non-poisonous to plants and animals and not offensive to humans.

“Dogzoff” is applied with any small insect sprayer and one application lasts three to four weeks. It will save its cost many times over around the garden and home.

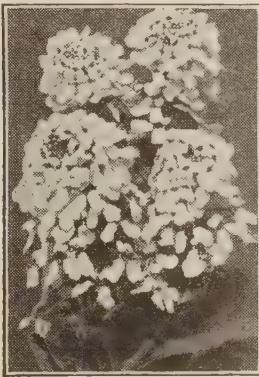
Price for Season's Dogzoff Supply 75c



Carnation, Marguerite

Carnations

681 DOUBLE MARGUERITE. Lovely, fragrant, produce fine double flowers from seed sown in the garden early in the spring, bloom in four months. When well started, transplant to 12 inches apart. Flowering until late fall and can be potted for winter blooming. **Mixed. Pkt. 10c; 1/8 oz. 25c.**



Candytuft

One of the most useful and popular annuals. Completely covered all summer with neat clusters of flowers well suited for bouquets; of dwarf spreading habit, making it especially desirable as a border or edging plant. Prefers sandy loam. Blooms profusely and their fragrance especially commends them as cut-flowers. **CULTURE D OR E.**

475 UMBELLATA MIXED. An excellent bedding or border variety of Candytuft of dwarf compact growth. Free flowering in shades of white, lavender, rose or crimson. **Pkt. 10c; 1/2 oz. 25c.**

Clarkia

581 CLARKIA ELEGANS. Clarkia resembles sprays of Flowering Almond. Flowers double, pink, rose, red and white; dainty and attractive. Plant some of our grand mixture and you will be pleased with their beauty. **Culture A or B. Mixed Colors: Pkt. 10c; 1/8 oz. 25c.**

Coleus

601 EXHIBITION MIXED. Coleus is a plant with richly colored leaves of maroon, green, crimson and yellow. The most popular bedding foliage plant grown from seed. The large variegated leaves of this strain are beautiful. **Culture D or E. Pkt. 25c.**

603 RAINBOW MIXTURE. Strikingly beautiful colors. Large, variegated leaves. **Pkt. 25c.**

Royal
Velvet
Coxcomb

Celosia, Thompsonii Magnifica

Celosias

Give Lasting Color To Your Garden

The Celosias include some of the finest and showiest flowers that can be grown in the outdoor garden. Easily raised from seed, either planted directly outdoors or started inside for later transplanting. Make beautiful bouquets. We offer seeds of both the fine feathery type, called Plumosa, and the broad heavier type called Cockscomb. Many like to cut the flowers and keep them in vases over winter. Try it this year. **CULTURE D OR E.**

Chinese Wool Flowers

501 CHILDSI CELOSIA. Distinct forms of plumed Celosia. Average, 2 feet tall, branching freely, each shoot bearing beautiful ball-shaped flower-heads, resembling a ball of wool. **Mixed. Pkt. 10c; 1/8 oz. 30c.**

Celosia Plumosas

Ostrich Plume Celosias are of pyramidal form, bearing many graceful feather-like plumes of brilliant reds and yellows. Easy to grow in any garden soil.

508 MANDARIN YELLOW. Shades of yellow and gold. **Pkt. 15c; 1/8 oz. 25c.**

509 INDIAN CHIEF. Velvety red and crimson. **Pkt. 15c; 1/8 oz. 25c.**

510 DWARF GOLDEN FEATHER. Golden yellow. **Pkt. 20c; 1/16 oz. 35c.**

511 DWARF FIERY FEATHER. Bright scarlet. **Pkt. 20c; 1/16 oz. 35c.**

507 THOMPSONII MAGNIFICA. Mixed Colors. **Pkt. 10c; 1/8 oz. 25c.**



Canterbury Bells

Annual Canterbury Bells. A new strain of this popular biennial flower in which has been developed the ability to bloom in a few months from seed thus making it entirely satisfactory to use as an annual subject. 2 to 2 1/2 feet tall and each plant producing several spikes of bloom. **CULTURE D OR E.**

486 MIXED COLORS. Blue shades, rose and pink, and pure white. **Pkt. 10c; 1/8 oz. 35c.**
Perennial Canterbury Bells, See Page 45.



Protect Your Knees with a KNEEPRON

KNEEPRONS are designed to protect the knees and clothes while gardening. Have large pockets for tools; built in sponge rubber knee pads. Durable duck material with handy ties at knee and waist. Can be laundered. **Blue or Tan. Pair \$3.95.**

Cockscombs

493 MIRACLE TALL. Tall unbranching stems, 24 to 30 inches tall, bearing immense solid heads or combs of unusual size and coloring. Colors range from creamy-white thru yellow, orange, pink, red, scarlet and purple. **Extra fine Mixed. Pkt. 15c; 1/8 oz. 40c.**

494 ROYAL VELVET. All-America. A fine new Cockscomb branching from the base, the extra large center head is surrounded by numerous medium sized Combs just right for cutting. Combs are of rich ruby-red and foliage is bronzy-green with reddish margin. Plants are two feet tall and bloom very early. **Pkt. 15c.**



Ornamental Corn

Corn—Ornamental

600 ORNAMENTAL CORN MIXED. Much interest is expressed in the use of the highly colored, striped and variegated corn which is being so much used in many ways as a decorative subject. A few ears of this bright colored corn, with husks braided together, make a most interesting and attractive decoration for many locations. We offer a fine mixture of the vari-colored and rainbow sorts. **Culture, grow same as Sweet Corn. Ounce Packet, 10c; 1/4 lb. 30c; Lb. 80c.**

Castor Beans

Strong, sturdy-growing, tropical-like, ornamental greenish-bronze foliage plants, desirable for centers for Canna beds and to hide unsightly places. **CULTURE D OR E.**

11694 ZANZIBARIENSIS. The largest and freest growing of this family. Foliage from bright green to bronze. These giant plants develop in one year from seed and often grow to ten feet tall under good conditions. Moles will stay out of a garden where Castor Beans grow. **Pkt. 10c; Oz. 25c.**



Double Bachelor's Buttons



Giant Sweet Sultans

Centaureas

Bachelor's Button, Double Cornflower

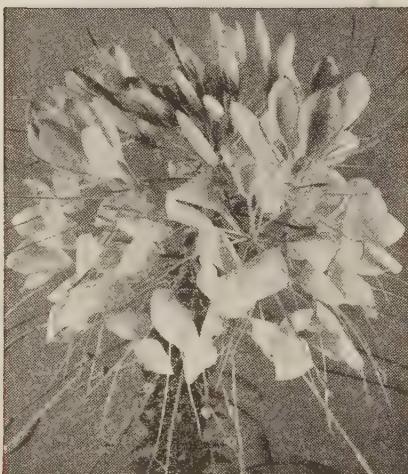
Double Bachelor's Button

Centaurea Cyanus, Cornflower. Among our most popular old-fashioned annuals. Easy to grow; make very pretty bouquets and go well with other flowers. Florists grow many of these double varieties for their formal pieces. We offer the double flowering in the following separate colors, CULTURE A OR B:

536 JUBILEE GEM. A fine new dwarf variety of Double Bachelor Button or Cornflower. The plant grows very compact, 12 inches high, the foliage forms little tufts of bright green, contrasting beautifully with the strikingly vivid, double flowers. The color is so intense, and the well-shaped plant is literally covered with its true-blue flowers. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

517 BLUE BOY. The most popular color of the Bachelor Buttons, Blue Boy is a full double flower produced in great profusion on fine stems for cutting. The plants grow 15 to 18 inches tall and quite bushy, making a very attractive planting in the garden and if the blooms are cut frequently they will be produced freely all season. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

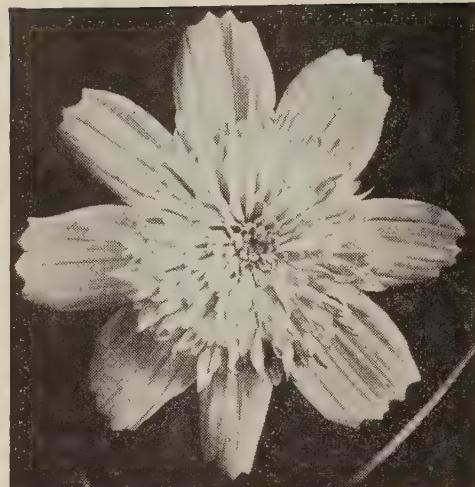
516 BEST MIXED DOUBLE. Includes all shades of the double flowered. This mixture will certainly give you some pretty bouquets. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Cleome, Pink Queen

A Beautiful Cleome

592 Pink Queen. Hugh trusses of bright salmon pink flowers surmount each of the long stems of this new and novel plant. Grows three feet in height and makes a delightful cut flower for use with other lavender or blue flowers. Pkt. 15c; $\frac{1}{8}$ oz. 35c.



Double Cosmos, Peerless Mixed

Cosmos

Our plant breeders have developed strains of Cosmos which are so early that they will bloom from seed sown in the open ground. Prior to the introduction of these new strains, many people who wanted Cosmos would not try to grow them because the flowers bloomed too late. If you want an extra early start, the seed may be sown indoors and transplanted into the garden later. CULTURE D OR E.

New Double Cosmos

619 DOUBLE PEERLESS MIXED. An extra early Sensation Cosmos in a beautiful new double form. Two forms of the double flowers are found in this new Cosmos, one is the regular double crested and the other is the newer and novel fluted type. Both average 4 $\frac{1}{2}$ to 5 inches across. Color ranges from white, through pink to crimson. Pkt. 15c.

Orange Flare Cosmos

626 Blooms vivid orange from July to frost when planted from seed in your garden. Long, wiry stems and light green foliage make it excellent cut flower. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

606 EARLY MAMMOTH SINGLE COSMOS. The best type for the North as it blooms earlier than the late Giants. The flowers are large, in shades of crimson, pink and white. There is no other of the tall Annuals that serve their purpose as well as the Cosmos. They are graceful and attractive during all stages of their growth. **Mixed Colors.** Pkt. 8c; $\frac{1}{4}$ oz. 25c.



Cynoglossum Firmament

Dwarf Cynoglossum

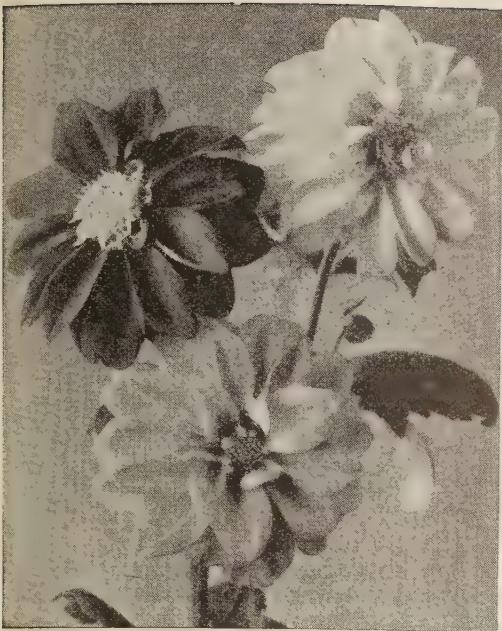
652 FIRMAMENT. All-America. This fine new Cynoglossum or Summer Forget-Me-Not produces plants of dwarf, compact, shapely growth, that overcomes the objection to previous varieties for garden use. The 12 to 15 inch plants bear a profusion of vivid indigo-blue blooms on well branched stems, make excellent cutting material, as well as attractive garden flowers. Pkt. 10c; $\frac{1}{8}$ oz. 25c.



Double Crested Cosmos

618 DOUBLE CRESTED COSMOS. The flowers are unique and exceedingly pretty. Center double with a row of broad outer petals. We have the earlier flowering strains of doubles, the best strain obtainable. Flowers frequently entirely double or else the disk-florets become tufted or crested. The seed should be started indoors early. **Mixed Colors.** Pkt. 10c; $\frac{1}{8}$ oz. 30c.

616 SENSATION MIXED. The Sensation type of Cosmos is ideal as a cut-flower and, it has already become a favorite for this use. Flowers immense size, 4 to 5 inches across, with broad heavy fluted petals, which overlap, forming a very full single flower. Long strong stems 3 to 4 feet tall. Flowers in 8 to 10 weeks from time seed is sown, blooming from July to Frost. Pkt. 10c; $\frac{1}{8}$ oz. 30c.



Dahlia, Double Dwarf Hybrids

Dwarf Double Dahlia

The new Dwarf Dahlias grown from seed produce beautiful blooms for cut-flower use. 12 to 24 inches.

653 NEW DWARF DOUBLE HYBRIDS. A great improvement over present existing strains, this grand variety contains a very high percentage of true double flowers. The color range has also been broadened and includes shades of canary-yellow, scarlet, terra-cotta, apricot, crimson, lavender-pink, purple, maroon, buff, cream, white and many intermediate shades. An excellent cut-flower variety, growing about 30 inches tall. Pkt. 15c; 1/16 oz. 25c.

Giant Dahlia Seed

Dahlias are easily grown from seed and although they do not come true to color of the parent, many new and fine varieties are seedlings. Seed started early in the house will bloom the same season. CULTURE D OR E.

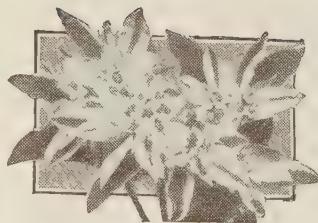
660 SUPERFINE SELECTED DAHLIAS. This seed has been hand-selected from cross-pollinated blooms of the best named varieties of Decorative and Cactus types, the highest quality possible to secure. Pkt. 25c.



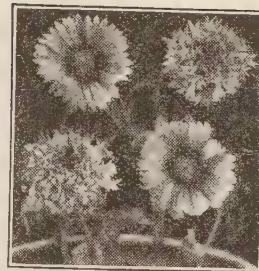
Didiscus, Queen Anne's Lace Flower

Didiscus

706 DIDISCUS COERULEUS, Queen Anne's Blue Lace Flower. A shade of heavenly blue that has decided value in bouquets or in the open garden. Flower ball-shaped, a compact mass of dainty individual florets, charming and graceful. Plant the seed early in a cool, rather moist place. Culture A or B. Pkt. 10c; 1/4 oz. 35c.



Euphorbia

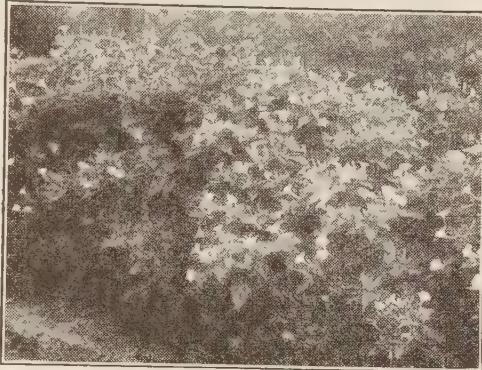


Annual Gaillardia

Euphorbia

831 SNOW ON THE MOUNTAIN, Euphorbia Variegata. Bushy plants growing 2 to 3 feet high, surmounted with broad fleshy green leaves, veined and margined with white. CULTURE D or E. Pkt. 10c; 1/4 oz. 20c.

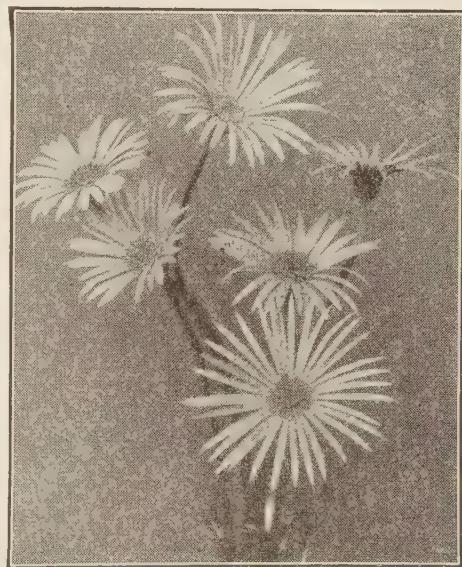
ESCHSCHOLTZIA. See Poppy-California



Four O'Clocks Make Excellent Annual Hedge

Four O'Clocks

881 TALL MIXED, Marvel of Peru or Mirabilis. A popular and easy growing annual of bushy habit, 2 feet high, each plant bearing throughout the summer, hundreds of brilliant blooms. The flowers remain tightly closed until four o'clock in the afternoon, when they all open together and the plants become a glowing mass of brilliant colors. Culture D or E. Pkt. 10c; Oz. 45c; 1/4 lb. \$1.50.



Gerbera, Transvaal Daisy

Gerbera

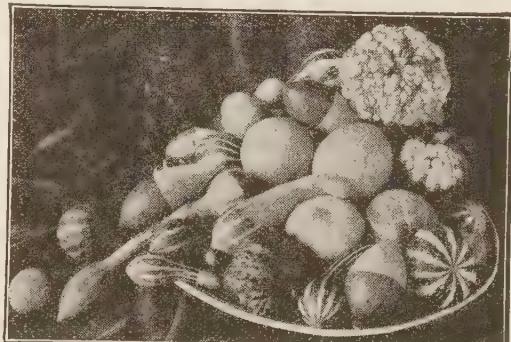
928 GERBERA, JAMESONI HYBRIDS, or Transvaal Daisy. A half-hardy perennial which we recommend growing as an annual. Start seed indoors very early. Fine house plant, too. Flowers in red, orange, pink, rose and coral, about 3 inches across and borne on long, excellent stems. Will last 3 weeks as cut-flowers. It will be outstanding in your garden. Florists get top prices for these flowers. Culture D or E. Pkt. 25c.

Gilia Coronopifolia
"Texas Plumb"**Gaillardia, Annual**

915 DOUBLE AND SINGLE MIXED. Excellent for bedding. Strong, constant bloomers, from early summer to frost. Flowers showy, on long stems and distinctive, in reds and orange, and rose tinted at the base of petals. Foliage gray-green and abundant. Our mixture contains both singles and doubles, 18 inches tall. Culture D or E. Pkt. 10c; 1/4 oz. 25c.

Gilia

944 CORONOPIFOLIA HYBRIDS. Tall upright plants, with needle-like foliage, bearing many trumpet-shaped flowers along the sides of the stem at the top. In rich color tones of apricot, salmon, pink, scarlet and yellow, 3 feet tall. SEED NOT AVAILABLE THIS YEAR.



Ornamental Gourds Make Gay Decorations

Gourds, Ornamental

A very novel and interesting Annual climber with ornamental foliage, and singular fruits of many shapes and colors that are attractive for decorations. When ripe, shells can be hollowed out and dried, and are useful for decoration in dining room. See various types of Gourds in picture above. CULTURE D OR E.

2392 SMALL FRUITED ORNAMENTAL MIXED. Pkt. 10c; Oz. 30c; 1/4 lb. \$1.00.

Gypsophilas

Annual Baby's Breath

Popular Bouquet Flowers. Easily grown Annuals, 12 to 15 inches high. Always useful for combining with other flowers in bouquets or small vases. Make several plantings to have the flowers always in the best condition. CULTURE A OR B.

990 COVENT GARDEN, Extra Large Flowered. An improved strain of pure white Gypsophila. Pkt. 10c; 1/4 oz. 20c.

991 PARIS MARKET. Flowers pure white, very small, star-like, produced in feathery sprays. Pkt. 10c; Oz. 25c.



Helichrysum (Strawflower)

Helichrysum

1016 HELICHRYSUM, Monstrosum Straw-flower. The most popular Everlastings. The best known and most desirable because of the great improvement in recent years. This Monstrosum or large double is the best type. The plants grow 2 to 3 feet high and are literally covered with these large double brilliant flowers. In all the gay colors and shades. Mixed Colors. Culture D or E. Pkt. 10c; 1/4 oz. 25c.



Larkspur, Giant Imperial

Lobelia, Dwarf

1335 CRYSTAL PALACE COMPACTA. This is the best strain of dwarf Lobelia, 5 to 6 inches high, fairly covered with rich deep blue dainty flowers. A fine little border or pot plant and for porch boxes. Culture D or E. Pkt. 8c; 1/16 oz. 35c.

Giant King Larkspurs

This new type of Giant Larkspur has broad, wavy-edged, double petals 2" across, closely spaced on 2 ft. upright stems which stand up well in the garden and make grand bouquets. Great favorites with our Florist customers. Bloom early. May be safely sown outdoors in the north as late as November as well as in spring.

**1277 LILAC KING 1287 PINK KING
1284 WHITE KING 1288 ROSE KING**

Any Above. Pkt. 15c; 1/8 oz. 30c.

1300 COLLECTION. 1 Pkt. each of above 4 Colors. Value 60c for only 50c.

New Regal Larkspur

Tremendously long spikes of huge, well shaped florets distinguish this new strain of Larkspurs from all others. Desirable height, basal branching habit, Delphinium-like flowers on thick spikes. Perfect for home use.

**1302 DARK BLUE 1303 PINK 1304 ROSE
1305 WHITE and 1301 FINEST MIXED**

Any Above. Pkt. 15c; 1/16 oz. 30c.

Larkspurs, Annual

This big family of free-flowering, colorful, long stemmed Annuals will bring you plenty of pleasure in your garden. It stands up well as a cut-flower, too.

In addition to spring sowing of seed, it is possible to make a fall sowing for early blooms the following spring, because the young plants will winter over in your garden.

We are proud of the fact that many of the best Florists in the United States buy their Larkspur Seed from us. CULTURE D OR E.

Giant Imperial Type

Their type of growth allows closer planting without influencing the amount of their bloom. Height 3 to 4 feet.

1271 MIXED COLORS. A fine mixture including all the above and other rare colors. Pkt. 10c; 1/8 oz. 25c.

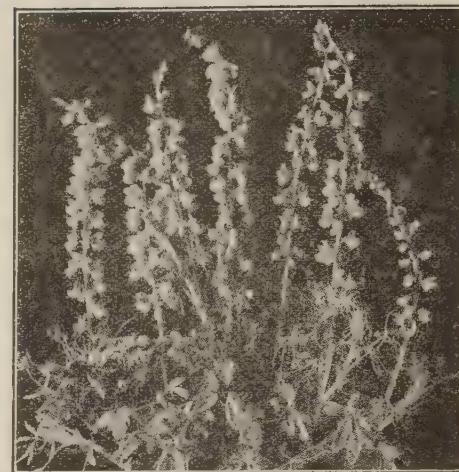
Tall Double Stock Flowered

The plants grow 3 to 4 feet high and bear long cutting spikes of beautiful double flowers.

1261 MIXED COLORS. Includes a great variety of colors, blues, reds, pinks and white of the tall double flowered type, considered the best of all. Pkt. 8c; 1/4 oz. 20c; Oz. 60c.

Cockade Larkspur

1291 Cockade Mixed. This new type of Larkspur grows unusually compact and symmetrical. Branches are long and upright, each bearing heavy spikes of fully double flowers closely spaced. Mixture contains all the finest colors. Pkt. 15c; 1/8 oz. 35c.



King Lupines

Lupines—Annual

Easily grown, free flowering Annual, with long, graceful spikes of pea-shaped flowers, richly and variously colored. Fine, dark, glossy foliage. Prefers some shade. Height 2 feet. CULTURE A OR B.

1350 KING MIXED. Shades of blue, rose and white. Made from above varieties. Pkt. 10c; 1/4 oz. 20c.

Flower Seeds Special Mixtures

Many people have found it pleasant to plant one of these seed mixtures, without knowing what they contain, and to wait for them to bloom. They have told us that in this way they have brought into their gardens, many varieties they never would have known about, and each year come back to us for more because they know that we change the blends annually. Garden of vegetables always needs borders and backgrounds that will keep it looking attractive after food has been harvested. You always like to have plenty of cut flowers for the house. If you have a rock garden, you need annual flowers of rock garden types to keep it a blaze of color all summer and fall. Yes, indeed, one of these seed mixtures will be a fine investment for you!

2320 ANNUAL MIXTURE FOR ROCK GARDENS. Low growing and trailing varieties that may be sown directly in the vacant spaces in your Rock Garden and that will quickly fill such spots and add much color. Especially fine to follow early flowering bulbs. Pkt. 10c; Large Pkt. 35c.

2321 ANNUAL MIXTURE DWARF BEDDING SORTS. An excellent mixture of dwarf varieties to sow in beds in the garden for bedding effect. Fine to sow early among Tulip plantings where you are not going to lift the bulbs. Will supply masses of colorful blooms until frost. Pkt. 10c; Large Pkt. 35c.

2322 ANNUAL MIXTURE FOR CUT-FLOWERS. A grand assortment of the finest cut-flower varieties that will supply you with an abundance of cutting material until frost. Sow very thin and let them grow where they stand. Contains many of the newer varieties. Pkt. 10c; Large Pkt. 25c.



TRI-OGEN
Reg. U. S. Pat. Off.
The all-purpose spray

Fungicide—Insecticide—Plant Stimulant
Complete Protection against Plant Insects and Diseases

Mildew and Black Spot diseases are easily controlled with Tri-ogen. Complete protection against all diseases and insect pests. Easily applied, acts as a stimulant, producing vigor in growth with resultant luxurious blooms. Applied weekly, from early until late frost, makes it possible for the amateur to achieve the success comparable to the professional.

PRICES F.O.B. CLEVELAND

E — Economy Kit.....	\$ 1.35
A — Small Kit.....	2.25
B — Medium Kit.....	6.00
C — Large Kit.....	9.00
D — Estate Kit.....	30.00



Watch-em-Grow
PLANT FOOD
Will Solve Your House Plant Problems
You Feed Your Pets--Don't Starve Your Plants
Easy To Apply and the Results Will Please You

Watch-em-Grow (15-10-14) A completely soluble, highly concentrated plant food especially prepared for use on any or all house plants, potted specimens or especially favored plants in the garden.

Watch-em-Grow is easy to use. It is a clean odorless powder which quickly dissolves in water and is applied just as you water the plants.

When potting plants Watch-em-Grow is fine to add to the potting soil. A teaspoonful to a gallon of soil will produce results that will amaze you. Complete directions on the package. **7 oz. can 50c; 5 lb. bag \$2.50; 10 lbs. \$3.75; 25 lbs. \$8.00.**

Annual Flower Chart

The greatest degree of success with flowers is acquired by knowing the likes and dislikes, the natural habits and the best treatment of each individual variety. We hope this chart will help you to this knowledge.

Color	Height in Inches	Blooming Season	Variety Name	Other Details			Variety Name	Other Details
				May	June	July		
Red	6	36-48	Abronia, Umbellata-Sand Verbena	X	X	X	Impatiens—Garden Balsam	X
Pink	24	12	Abutilon—Flowering Maple	X	X	X	Ionopsisidium, Acaule—Diamondflower	X
Orange	24-36	6-18	Acroclinium—Everlasting	X	X	X	Lantana	X
Yellow	18-24	6-18	Adonis—Pheasant's Eye	X	X	X	Larkspur, Annual	X
Blue	18-24	8-24	Agathaea—Blue Daisy	X	X	X	Levavera—Annual Mallow	X
Purple	18-24	12-18	Ageratum—Floss Flower	X	X	X	Leptosyne Stillmanni—Stillman Coreopsis	X
White	18-20	15-18	Agrostis Nebulosa—Cloud Grass	X	X	X	Linnanthes Douglassi—Marshflower	X
Black	15-18	12-18	Alonsoa—Maskflower	X	X	X	Linaria, Annual	X
Green	2-6	6-8	Alyssum—Sweet Alyssum	X	X	X	Linum—Flowering Flax	X
Grey	6-8	18-24	Anagallis, Grandiflora	X	X	X	Lobelia, Annual	X
Brown	8-24	12-24	Anchusa, Annual	X	X	X	Lupines, Annual	X
Gold	24	24	Antirrhinum—Snapdragon	X	X	X	Malope—Mallow Wort	X
Teal	24-36	12-18	Arctotis—Lavender Daisy	X	X	X	Marigold—Tagetes	X
Indigo	12-18	12-18	Argemone—Prickly Poppy	X	X	X	Matriola—Double Feverfew	X
Dark Blue	18-24	12-24	Asters—China Aster	X	X	X	Matthiola—Evening Scented Stock	X
Light Blue	12-24	9-12	Balsam—Lady's Slipper	X	X	X	MeSEMBryanthemum Ice Plant	X
Dark Green	12-18	12-18	Bartonia—Blazing Star	X	X	X	Mignonette—Reseda	X
Light Green	18	18	Brachycome—Swan River Daisy	X	X	X	Nasturtium	X
Dark Purple	12-18	12-18	Browallia	X	X	X	Nemesia	X
Light Purple	18	18	Cacalia—Devil's Paint Brush	X	X	X	Nenophila—Baby Blue Eyes	X
Dark Teal	6-18	12-18	Calandrina	X	X	X	Nicotiana—Flowering Tobacco	X
Light Teal	12-18	12-18	Calliopsis—Pot Marigold	X	X	X	Nigella—Love-in-a-Mist	X
Dark Indigo	6-15	6-15	Calliopsis—Annual Coreopsis	X	X	X	Nolana	X
Light Indigo	24-30	18-24	Candytuft—Iberis	X	X	X	Nycternia—Capensis	X
Dark Gold	18-24	18-24	Celosia—Various	X	X	X	Oenothera—Evening Primrose	X
Light Gold	12-24	12-24	Centaurea, Cyanus—Bachelor's Button	X	X	X	Pansy—Heartsease	X
Dark Indigo	18-24	18-24	Centaurea—Sweet Sultans	X	X	X	Petunia	X
Light Indigo	12-24	12-24	Chrysanthemums—Annual Painted Daisy	X	X	X	Phacelia—Harebell Phælia	X
Dark Indigo	24	24	Clarkia	X	X	X	Phlox, Annual	X
Light Indigo	24-48	9-12	Cleome—Spiderflower	X	X	X	Poppy, Annual	X
Dark Indigo	12	12	Collomia, Coccinea	X	X	X	Portulaca—Rose Moss—Sun Plant	X
Light Indigo	24	12-24	Convolvulus, Mauritanica	X	X	X	Rudbeckia—Coneflower	X
Dark Indigo	48-72	12-24	Cosmodium, Burridgeanum	X	X	X	Sedum—Annual Stonecrop	X
Light Indigo	12-24	12-24	Cosmos—Mexican Aster	X	X	X	Senecio Elegans—Ragwort	X
Dark Indigo	12-24	12-24	Cynoglossum—Summer Forget-Me-Not	X	X	X	Stactice—Limonium	X
Light Indigo	24-36	12-24	Datura—Horn of Plenty	X	X	X	Saxifraga—Saxifrage	X
Dark Indigo	12-24	9-12	Dianthus—Carnations and Pinks	X	X	X	Saponaria—Bouncing Bet	X
Light Indigo	12	12	Diaxia—Twinspur	X	X	X	Schizanthus—Butterfly Flower	X
Dark Indigo	24	12-24	Didiscus—Queen Ann's Blue Lace Flower	X	X	X	Sedum—Annual Stonecrop	X
Light Indigo	8-12	8-12	Dimorphotheca—African Daisy	X	X	X	Sesuvium—Velvet Flower	X
Dark Indigo	18-24	9-12	Erysimum—Fairy Wallflower	X	X	X	Sphaeralcea—Ragwort	X
Light Indigo	12-24	12-24	Eschscholtzia—California Poppy	X	X	X	Stachys—Saxifrage	X
Dark Indigo	12-24	12-24	Four O'Clocks—Marvel of Peru	X	X	X	Stachys—Saxifrage	X
Light Indigo	18	18	Gilia—Thimble Flower	X	X	X	Stevia Serrata	X
Dark Indigo	8-10	8-10	Gaillardia—Blanket Flower	X	X	X	Sunflower—Helianthus	X
Light Indigo	24	24	Gamolepis Tagetes	X	X	X	Stocks—Gilliflower	X
Dark Indigo	12-24	12-24	Gerbera—Transvaal Daisy	X	X	X	Sweet Peas	X
Light Indigo	18	18	Gilia—Thimble Flower	X	X	X	Urtica—Anethoides	X
Dark Indigo	12-18	12-18	Globe Amaranth—Gomphrena Ever-lasting	X	X	X	Venidium Fastuosum	X
Light Indigo	9-15	9-15	Godetia—Satin Flower	X	X	X	Verbena	X
Dark Indigo	12-24	12-24	Gypsophila—Annual Baby's Breath	X	X	X	Virginia Periwinkle	X
Light Indigo	24-36	12-18	Helichrysum—Strawflower	X	X	X	Virginia Stock—Malcolmia	X
Dark Indigo	24	24	Heliotrope	X	X	X	Wallflower, Annual	X
Light Indigo	24	24	Hunnemannia—Golden Buttercup Poppy	X	X	X	Zinnia	X



Marigold, Sunset Giants

Marigolds

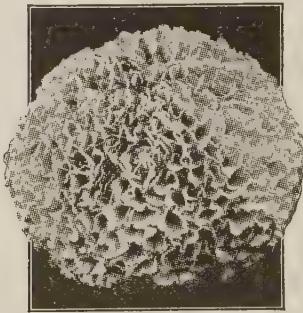
Marigolds, as a family, offer you a great deal for your money. You can be sure of plenty of flowers from July on through to frost. They come in every size and a wide range of colors including gold, yellow, orange, mahogany and brown, so they fit into many color schemes when used as cut-flowers indoors. They start easily in the garden from seed or may be started indoors in flats. The new kinds that have been developed recently, are really novel and distinct and we can heartily recommend them to you.

1355 TALL DOUBLE AFRICAN AND FRENCH MIXED TYPE. The African type has large flowers of a uniform color, yellow or orange and the double are more or less globe-shaped. The French Marigolds are combinations of mahogany, brown, yellow and gold, single and semi-double. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1358 SUNSET GIANTS. The largest Marigold yet developed. Flowers averaging 5 inches in diameter and when grown for show purposes, sometimes attain a size of $7\frac{1}{2}$ to 8 inches. They are of fairly loose formation, with petals gracefully overlapped, and are definitely sweet scented. The color range includes deep orange, golden-orange, deep golden-yellow, light yellow, lemon-yellow and a delightful new shade of primrose. The plants are extremely robust, usually $3\frac{1}{2}$ to 4 feet tall, with 6 to 8 branches, each bearing 3 to 6 flowers. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

1359 YELLOW SUPREME. All-America, Gold Medal. This Marigold is the result of years of careful breeding. It is similar to "Guinea Gold" but of a pure lemon-yellow color, fully Carnation-flowered, nearly 3 inches across, quite early and a very profuse bloomer. Plants 2 feet tall. A grand cut-flower. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

1363 LEMON QUEEN. A counterpart of Orange Prince, except in color, which is a soft lemon-yellow. Pkt. 10c; $\frac{1}{8}$ oz. 30c.



Orange AllDouble Marigold

1364 ORANGE ALDOUBLE. A new and improved strain of African Marigold in which the flowers are practically 100% double. The plant growth and habit is identical with Orange Prince, but the form and doubleness of the flower in this new strain has reached perfection. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Marigolds



Collarette, Crown of Gold Marigold

1368 COLLARETTE CROWN OF GOLD. All-America Gold Medal Award. Flowers with outer row of broad petals and centers of short curled and twisted petals forming a delightfully crested bloom of rich orange color and fragrant. The foliage is odorless. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

1372 DWARF FRENCH BUTTERBALL. This fine variety of the Harmony type has flowers of a lovely soft butter yellow. Its multitudes of flowers are borne on dwarf compact plants 6 to 8 inches tall from early summer until frost. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

1375 ALL-DOUBLE ROYAL SCOT. All-America Selection. A most striking color combination in rich Mahogany and Old Gold. A new strain of Dwarf Striped French. Compact, bushy, uniform, 10 to 12 inches tall. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

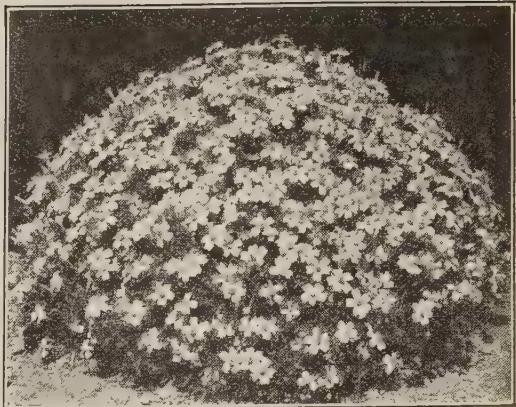


Harmony, New Dwarf French Marigold

1376 HARMONY, New Dwarf French. This little beauty is a wonder in the garden as well as in the house as a cut-flower. The flowers are about $1\frac{1}{2}$ inches across. Center is orange-yellow with deep, tubular petals that resemble a Scabiosa and the guard petals are a broad setting of velvety maroon. It blooms early and late, all the way from June to heavy frost. In our Trial Grounds last fall it was actually the last plant hurt by the frost about mid-November. This Harmony makes a nice variety to plant in front of the taller, larger flowered Marigolds. You will certainly like it. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

1377 ELDORADO. Dwarf French Double. Live, pleasing canary-yellow, tinted slightly deeper toward the center. Grand for borders and edging, the early profusion of clear full double blooms on uniform plants maintain their form throughout a long blooming season. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

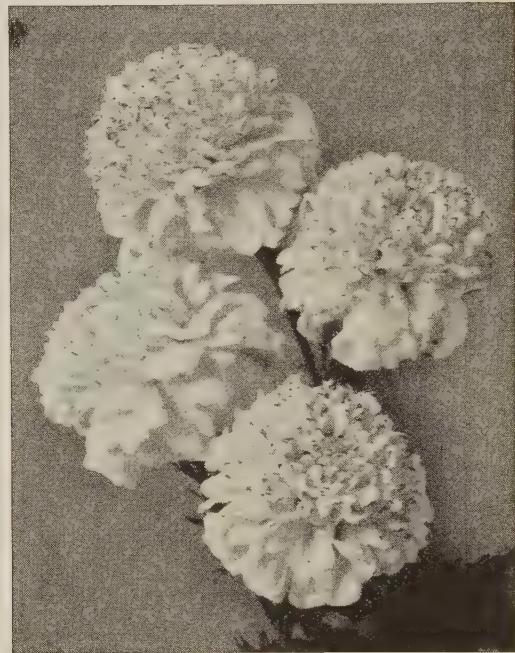
1384 POT 'O GOLD, DWARF GIGANTEA MARIGOLD. Dwarf growing counterpart of our Gigantea type, 12 to 15 inches tall, well branched, compact, bearing 12 or more flowers at a time. Early flowering, broad, heavy petals, gracefully overlapping to form deep flowers. Color a bright, deep, golden-orange. Grand bedder and wonderful cut flower. Pkt. 15c; $\frac{1}{16}$ oz. 30c.



Marigold, Tagetes Border of Gold, Golden Gem

1380 BORDER OF GOLD. "Golden Gem."

Tagetes. Truly a Golden Gem for your garden. This dainty little flower belongs to the Marigold family and is one that should be in every garden. Dwarf habit, growing 12 to 15 inches tall, forming compact little plants with fern-like foliage of brightest green, and literally covered with a mass of small, single golden flowers from early summer until late frosts. A perfect annual for a "Border of Gold" and one that always pleases. Pkt. 8c; $\frac{1}{8}$ oz. 20c.



Marigold, Dwarf Butterball

Mission Giant Marigolds

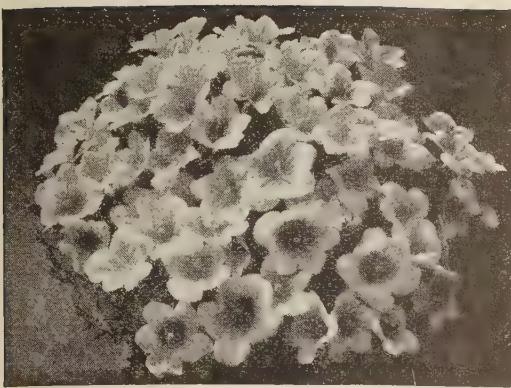
Of medium height with giant chrysanthemum blooms the plants grow 18 inches tall and branch from the base producing 8 to 12 stems of excellent cutting length.

1386 GOLDSMITH. The rich golden orange color so much in demand is of great depth and richness in Goldsmith. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

1391 LIMESTONE. Beautiful chrysanthemum-type flowers of Mission Giant habit of growth, bloom, size and season. It is of soft yellow, comparable in color to Lemon Queen. Limestone completes the color range of these Mission Giants. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

1387 YELLOWSTONE. A lovely clear golden yellow companion to Goldsmith which we offered last year and which became immediately popular. Of the same fine plant characteristics equally free blooming and valuable as a cut flower. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

1385 MISSION GIANTS, MARIGOLD, MIXED. Giant Chrysanthemum type, about 18 inches tall, vigorous, base branching with 8 to 12 stems. Excellent for cutting, very early, 4 to 5 inch blooms in almost perfect ball. Petals incurved. Deep, medium and golden-orange blend into well balanced mixture. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

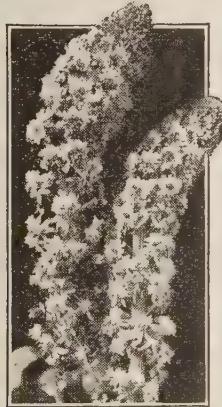


Nierembergia Hippomanica

Nierembergia

1489 HIPPOMANICA. These dwarf compact plants grow not over 5 to 6 inches tall with a spread of 8 to 10 inches forming a neat tidy plant which is fairly covered with bloom from the time it is 2 or 3 inches high. Flowers are lovely lavender-blue with yellow center and very freely produced. Pkt. 20c.

1489A Purple Robe. A very fine addition to the Nierembergia family, this little dwarf variety has deep violet purple flowers which do not fade in the hottest sun. Of neat compact habit, the plants are very free flowering. Pkt. 25c.

Mignonette

Mignonette, Odorata Grandiflora

Reseda Odorata. Many folks in a garden will quickly inhale—face light up—exclaim—"What is so fragrant?" All for the unpretentious Mignonette. Combine with odorless flowers to make bouquets. Excellent for bedding and for pots indoors. CULTURE D OR E.

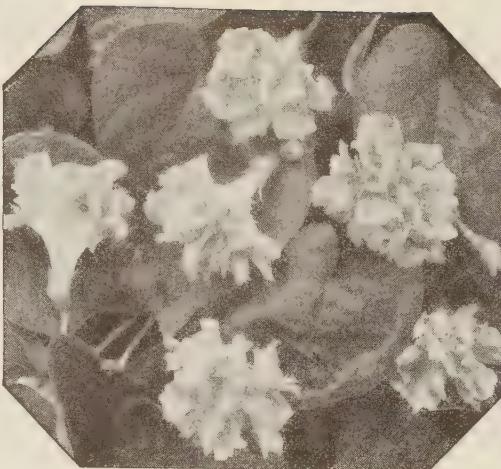
1401 ODORATA GRANDIFLORA. A highly improved strain. Very fragrant. Pkt. 8c; ½ oz. 25c.

Nicotianas

Flowering Tobacco. A lovely class of fragrant Annuals that bloom freely throughout the summer and fall. Plants are bushy, 2 to 3 feet high and branching. They open towards evening emitting a very pleasant odor. CULTURE D OR E.

1484 AFFINIS HYBRIDS. Like above in growth. Mixture of rose, red, white and blue. Pkt. 10c; ¼ oz. 25c.

1487 SUAVEOLENS, FRAGRANT WHITE. The most delightful of all Nicotiana varieties, this dwarf white should be in every garden. The upright well formed plants grow 18 to 20 inches tall and produce an abundance of orange-blossom white, very fragrant blooms, for cutting. Pkt. 15c.



Morning Glory, Double Rose Marie

Morning Glories and Ipomeas

To get quicker results from Ipomea and others of the Morning Glory family, it is best to soak the seed in lukewarm water for 2 hours before planting. CULTURE D OR E.

2405 DOUBLE ROSE MARIE. A beautiful new addition to the Annual Climbing Vines. Vigorous and rapid growing, beautiful double flowers of a delightful shade of deep rose. Rose Marie is early and free flowering. Pkt. 10c; ½ oz. 25c.

2395 HEAVENLY BLUE, Pkt. 10c; ½ oz. 35c.

2425 SCARLET O'HARA, Pkt. 15c; ½ oz. 40c.



Morning Glory, Pearly Gates

2427 Pearly Gates. The flowers of this beautiful new morning glory are a lovely, lustrous white with creamy shading deep down in the throat. They average four and one half inches across, and are freely produced on fast climbing vines. Pkt. 15c; ½ oz. 40c.

2423 NEW GIANT. This is a recent introduction. Immense flowers in a splendid variety of bright colors. Flowers are twice the size of the common Morning Glories. Pkt. 10c.

Red, White & Blue Morning Glories

You now can have a patriotic floral display in your garden that would be impossible with any other plant family. The three offered here can be used in many different arrangements adding a beautiful patriotic display to your garden.

2425 Scarlett O'Hara. Rich wine red. Early and profuse blooming. Pkt. 15c.

2427 Pearly Gates. Beautiful lustrous white. Large flowers in profusion. Pkt. 15c.

2395 Heavenly Blue. Large flowers of beautiful belladonna blue. Pkt. 10c.

2454 1 Pkt. each of the red, white and blue Morning Glories. For 30c



Double Gleam Nasturtiums

Nasturtiums

For summer display in large or small beds, boxes or borders, nothing can surpass Nasturtiums. They start to bloom early and keep up a continuous display of bright colored flowers until hard frost in fall. The more you cut the flowers, the more profusely will the plants produce blooms.

You can grow them in practically any garden soil, in fact, they will grow in soils that are too poor to support any other plants. Plant the seed after soil is warm, covering an inch deep and dropping a couple of seeds every 3 inches. They should not be transplanted. Do not water too freely.

Plant plenty of Nasturtiums this summer and enjoy their glorious colors in the garden and in bouquets where you need gaiety. CULTURE A OR B.

Double Gleam Nasturtiums

1438 GOLDEN GLEAM. Immense double golden-yellow. Flowers 2½ to 3 inches across. Pkt. 8c; Oz. 35c; ¼ lb. \$1.00.

1439 SCARLET GLEAM. Dazzling orange-scarlet. Large flowers on long stems. Pkt. 8c; Oz. 35c; ¼ lb. \$1.00.

1444 ORANGE GLEAM. Deep glowing golden-orange. Striking color. Pkt. 8c.

1445 MOON GLEAM. Beautiful primrose-yellow. For your Moonlight Garden. Pkt. 8c; Oz. 35c; ¼ lb. \$1.00.

1446 SALMON GLEAM. Delicate glowing salmon. Unusual color. Pkt. 8c; Oz. 35c; ¼ lb. \$1.00.

1450 DOUBLE GLEAM COLLECTION. 5 Pkts. 1 each of 5 Above Colors, Value 40c, 35c.

1440 DOUBLE SWEET SCENTED "GLEAM HYBRIDS." This mixture of our glorious Gleam Hybrids contains an evenly balanced blend of brilliant colors; orange-scarlet, crimson, cerise, maroon, salmon, golden-yellow, cream-yellow and orange. Flowers large, well formed, double and deliciously sweet scented. Plants semi-dwarf, throwing short runners from the rounded, free-flowering bushes. Stems long, and bear flowers well above the lush green of the foliage, giving the effect of a solid mass of color. Pkt. 8c; Oz. 35c; ¼ lb. \$1.00.

1435 DWARF DOUBLE GEM MIXED. Shades of yellow, orange, scarlet, crimson, cerise, cream, maroon and spotted varieties. Compact, gem-like plants, ideal for edging and border use. These lovely, sweet-scented Nasturtiums created a sensation at the California Exposition in San Diego. Pkt. 10c; Oz. 40c; ¼ lb. \$1.15.

Single Dwarf Nasturtiums

1426 MIXED. These are especially desirable for borders and beds forming neat compact plants 1 to 1½ feet across. This mixture is made from many select named varieties and will give you many beautiful flowers. Pkt. 5c; Oz. 30c; ¼ lb. \$1.00.

Climbing Nasturtiums

1441 BEST TALL OR CLIMBING. For trailing over porch lattice or arbors, or for covering old fences or unsightly places, also for vases, we consider the tall varieties most desirable. There is also a greater variety in colors. Pkt. 5c; Oz. 30c; ¼ lb. \$1.00.

Moonflower Vine

2419 MOONFLOWER. Dense foliage, climbing 20 to 30 feet. Immense white flowers 5 to 6 inches. Open in the evening and on cloudy days. Culture D or E. Pkt. 10c; ¼ oz. 20c.

Templin - Bradley's Glorious Petunias

Petunia Culture D or E—See Page 20

For freedom of bloom, variety of color, form and general effectiveness. Petunias have no equal. If only a little care is bestowed upon them, Petunias will produce their handsome sweet-scented flowers in their delicate and gorgeous colors all summer. No other flowers will bloom so freely and as long as Petunias in hot, dry weather. Many of our Petunias are of recent introduction and we recommend that you try some of these new kinds.

For your convenience on these two pages we have grouped separately those Petunias having similar habits of growth or types of flower.

Last summer while visiting our Trial Grounds with a local customer, he said, "If I had known what a wide assortment of Petunias of rare beauty is available, I would have gone in for them this year. Watch me next year."

Many of the leading florists of the United States use our Petunia Seed in large quantities every year. This is one of the best recommendations for the quality because the Florist must make his living from what he grows. You get the best when you buy from us.

May we suggest you study these Petunia pages carefully.

Balcony Petunias

The plants of this group are very free flowering. They are well adapted to bedding as well as for boxes or hanging baskets, but the long pendulous branches make them especially fine for porch or window plantings. Richly colored, with large plain petaled flowers.



Petunia, Balcony Rose

1592-A BALCONY ROSE. Bright cheery rose color.

1592-B BALCONY CRIMSON. Glowing crimson large flowers.

1592-F BALCONY WHITE. Pure white large flowers.

1592-G BALCONY BLACK PRINCE. Deep velvety red.

1592 BALCONY MIXED. Price any color or mixed: Pkt. 10c; 3 Pkts. 25c.

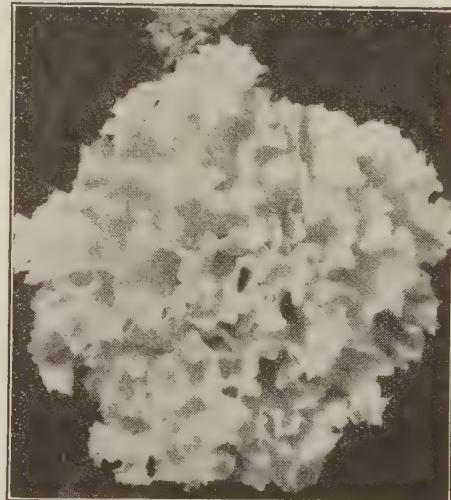
1592-K CORNFLOWER BLUE, BALCONY PETUNIA. This new light-blue Petunia will please you. Pkt. 10c.

Petunia "FIRE CHIEF" 1950 ALL-AMERICA Sweepstakes Winner

First "GOLD MEDAL" Winner in 11 Years

1622 Fire Chief Petunia. This new brilliant scarlet Fire Chief is the **reddest** Petunia you have ever seen, an entirely new color in Petunias. It is free blooming Hybrida Compacta type, of dwarf habit, with long blooming season. It is the all-time point winner since the All-Americas were founded and overwhelming choice of 20 judges. Grow Fire Chief this year, everyone will want and admire it. Pkt. 25c.

Double Fringed Petunias



Sakata's All-Double Fringed Petunias

Sakata's Japanese Petunias

1576 ALL-DOUBLE FRINGED "TRIUMPHANT." This Japanese strain of All-Double Petunias has the largest flowers known among double Petunias. They are exquisitely fringed and definitely double. They are semi-tall and are unequalled for bedding purposes and the colors in this mixture are practically all colors and variations of colors known in Petunias. Pkt. 75c.

A Beautiful Petunia

1607 PETUNIA, TYRIAN ROSE. One of the most beautiful petunias grown today. The large brilliant flowers often three inches across are borne freely above the rich green foliage and make a delightful show in the garden. They are unsurpassed for use as a bouquet Petunia. The color is a bright Tyrian Rose blended into a deep cream colored throat. Pkt. 20c.

Four Striking Petunias

1583-H PURPLE ROBE. Deep velvety violet or Royal purple with silver edges on petals. Large flowering, plain petals. Pkt. 20c.

1583-M PRIDE OF PORTLAND. Clear rose pink. Free flowering, compact, upright, branching, a foot tall. Large, fringed flowers. Pkt. 20c.

1590-B SETTING SUN. A brilliant rose pink with 3 inch petals beautifully fringed. Pkt. 20c.

1600 GENERAL DODDS. A deep velvety blood red in medium flowering type, free flowering and an excellent bedder. Pkt. 15c.

Giants of California

Ruffled and Fringed Petals

The largest and finest of all single-flowering types of Petunias. The blooms measure 5 to 6 inches across. The petals are ruffled and fringed, the throats are of deep tone, many beautifully netted and veined. We offer you both dwarf and tall types.

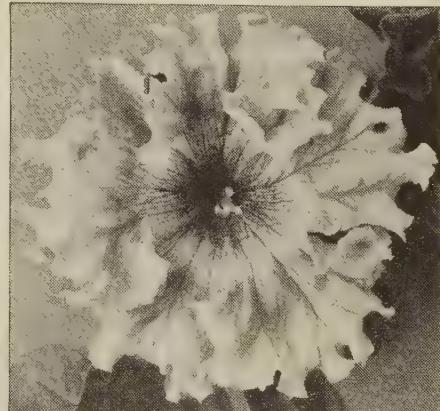


Dwarf Giants of California

1582 RUFFLED MONSTERS MIXED. The flowers are very large and ruffled. Mostly colored in the desirable red and dark shades, neatly marked and veined. Half dwarf and erect in growth. Pkt. 25c.

1586 DWARF RAMONA STRAIN. A superfine mixture containing all light and dark Petunia shades. All flowers will have wide open, well marked throats. Mixed. Pkt. 25c; Large Pkt. 75c.

1584 TALL GIANTS MIXED. Many fine shades of Rose, Pink, Lavender, Purple with veined throats of contrasting color. Mixed. Pkt. 15c; Large Pkt. 50c.



New Petunia, Glamour

1589 Giants of California Glamour. This outstanding new petunia is a luscious shade of salmon rose, delicately veined brown in the creamy throats. The blooms are 5 to 6 inches in diameter with shallow throats, and very heavily ruffled. Glamour makes one of the best ruffled Petunias for bedding or for boxes. Pkt. 25c.

Templin-Bradley's Glorious Petunias

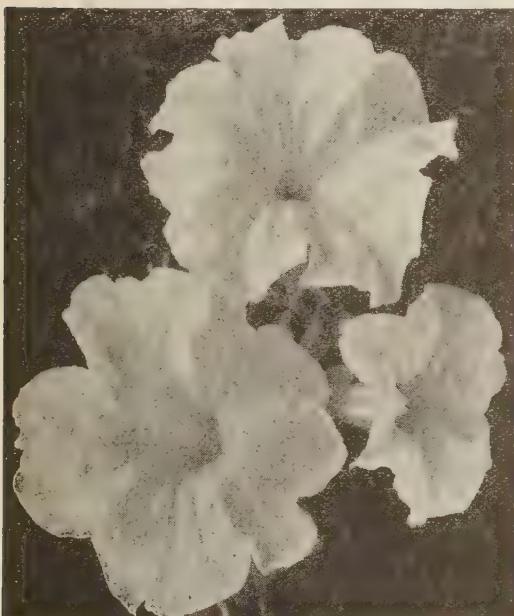


Petunias are the best bedding plants available

Every one should plant an abundance of these beautiful Petunias. They can be used in nearly any location however large or small the space, and they will so readily adapt themselves to the situation as to appear a permanent part of the garden or yard. You will want some of the large flowered doubles and single fringed for garden display and to furnish you with abundance of cut flowers and you will want others of the smaller flowered sorts to fill in your bedding areas, even in very small spots where only a few plants can be fitted in.

Large Plain Petalled

Flowers 3 to 4 inches across, in four choice colors. This type is very suitable for bedding and will produce a beautiful effect through entire summer.



Petunia, Dwarf Snowstorm

1583-I SNOWSTORM. A beautiful new Petunia that you must have for your white garden and to plant in combination with red or blue petunias. **Snowstorm** is of the plain petalled type, the flowers are of immense size and of the purest glistening snowwhite and are borne in abundance, making it one of the grandest Petunias we have ever seen for bedding. **Pkt. 20c.**

1583 LARGE PLAIN PETALLED, MIXED.
Pkt. 20c; 3 Pkts. 50c.

Super Fluffy Ruffles Petunia

1581 SUPER FLUFFY RUFFLES. A Petunia so heavily ruffled and fringed that it has the appearance of being double flowered. Flowers are very large, with large bright throat and almost 100% true to type. A fine color mixture of pink, salmon, rose, crimson, light blue and white, and many intermediates. **Pkt. 25c.**

Dwarf Erect Single Small Flowering Petunias

Most Popular Type of Bedding Petunias

This is one of the finest of the small flowered dwarf sorts for bedding to which use its upright dwarf habit of growth fits itself well, they will not grow out of control, will maintain a good appearance all season producing a marvelous abundance of beautiful bloom.



Petunia, Rose of Heaven

1608 CELESTIAL ROSE. Rich Satiny Rose.

1610 ROSY MORN. Rose, white throat.

1612 ROSE OF HEAVEN. Rose-Pink.

1613 HEAVENLY BLUE.

1605 ALL COLORS MIXED. Price Any Above Colors or Mixed: **Pkt. 10c; 3 Pkts. 25c.**

Medium Plain Petalled

Extensively used where a mass planting for abundance of color is desired. This type produces a wealth of flowers under all conditions of weather and soil, and the spreading habit of the plants, makes them ideal for covering large spaces.

1593 DELUXE MIXED. A select blend of all the most alluring colors including the above named and many more of the medium flowered varieties. This mixture will provide you with a glorious array of colors that will thrill you throughout the entire summer. **Pkt. 15c; ½ oz. 65c.**

Dwarf Compact Single Small Flowering

Grow Compact Ball-Shaped Plant

Very fine for bedding use, these dwarf compact plants are also very useful and most charming when used as an edging plant with other flowers, along walks and drives or edging your shrub plantings. They produce a uniform and compact growth that always appears neat and well kept.



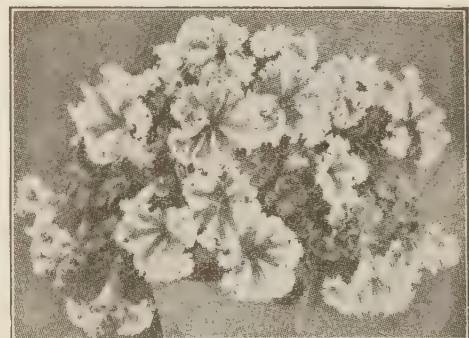
Dwarf Compact Petunias

1620-M KING HENRY. Rich velvety red flowers on compact plants of dwarf habit that is always uniform to make it most desirable for bedding. Long blooming season. **Pkt. 15c.**

1620 MIXED DWARF COMPACT. Very fine colors. **Pkt. 10c; 3 Pkts. 25c.**

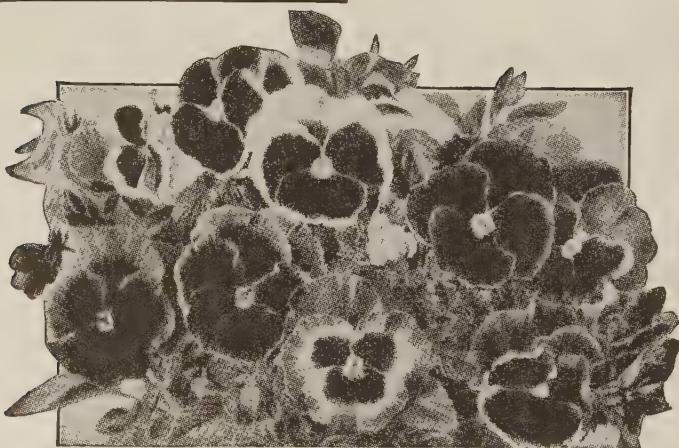
Large Fringed Dwarf

Daintily ruffed and fringed flowers 3 inches in diameter in a great variety of color. Plants are bushy and only 10 inches high, excellent for potting and bedding. The daintiest of all Petunias. Our strain are hand pollinated.

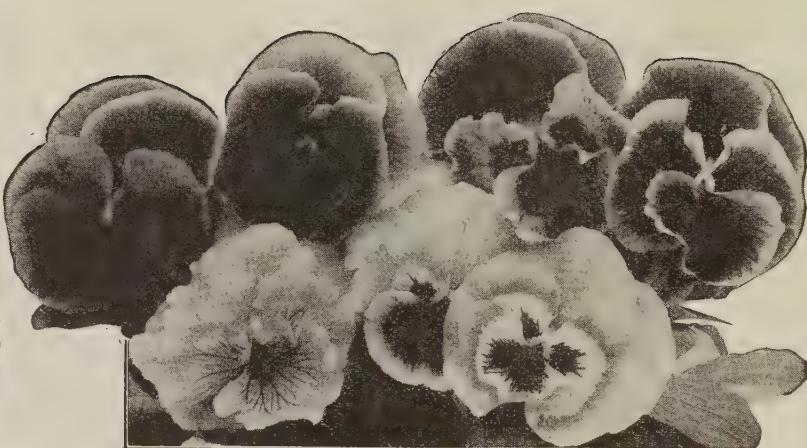


Large Fringed Dwarf Petunia

1590 MIXED DWARF FRINGED. Strikingly beautiful is this mixture of these charming Dwarf Fringed Petunias. **Pkt. 25c; 3 for 65c.**



Roggli's Swiss Giant Pansies



Templin-Bradley's Giant Exhibition Pansies

Pansies

Roggli's Swiss Giants

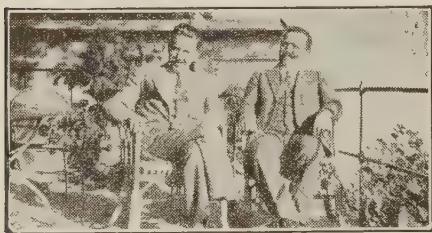
1545 ROGGLI'S SWISS GIANTS MIXED. This marvelous strain of giant Pansies is the result of years of intensive plant breeding by the Roggli Brothers near the Lake of Thun or "Thunersee" in the Swiss Alps. The flowers are of immense size, 3½ to 4 inches across, borne freely on long stems, which make them most desirable for cut-flowers. The plants are exceptionally strong and with the richly colored and beautifully marked flowers carried well above the leaves. **Culture B. Pkt. 25c; 1/16 oz. \$1.00.**

1526 GIANT EXHIBITION MIXED. Our own blend of which we sell a great quantity to the most critical Pansy lovers. Included are the ruffled types, the striped and mottled, the blotched as well as solid colors are mixed together to make our Giant Exhibition. **Pkt. 15c; 3 pkts. 35c.**

1540 TEMPLIN-BRADLEY'S SUPREME MIXTURE. In this mixture we have thought out the best mixture of Pansies in all the finest types, colors, sizes, markings and substances available. **Pkt. 25c; Large Pkt. 50c.**

1529 ENGELMANN'S RAINBOW MIXTURE. This strain has a greater range of color than any other strain we have ever offered. Furthermore, the flowers are enormous in size, 4 to 5 inches across, plants compact, of vigorous growth, good stems. Colors marvelous. You will find those of bronze and reddish tinge, many with distinct rings, deep blues, purples and light gold and yellow shades as well. **Pkt. 20c.**

1527 MIRACLE PANSIES. American Strain of Mastodon Mixed. This Pansy strain was developed by Steele's Pansy Gardens and is considered the best of the American strains. Hardy, early flowering, huge blooms on long stems; colors beyond description. **Pkt. 15c.**



Floyd Bradley and Ernst Roggli, the Pansy Seed grower in Switzerland

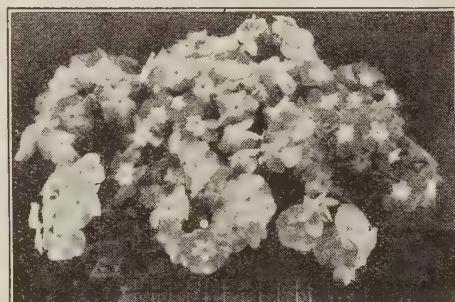
California Poppy
Single Eschscholtzia

Annual Phlox

1627 TALL LARGE FLOWERED MIXED. *Phlox Drummondii Grandiflora.* Unrivaled for richness of color, profusion of bloom, duration of bloom and general compactness. In clumps or masses looks equally beautiful. Should occupy a prominent place in every garden; plants 12 to 15 inches tall. **Pkt. 10c; 1/16 oz. 60c.**

1630 DWARF COMPACT MIXED. *Phlox Drummondii Nana Compacta.* For edging rockeries and porch boxes. Only 6 to 8 inches tall. **Pkt. 10c; 1/16 oz. 45c.**

1628 STARRED AND FRINGED. This beautiful type is quite distinct. The flowers are either star-shaped or fantastically fringed, really two distinct types. Many bright colors. **Pkt. 10c; 1/16 oz. 30c.**

Gigantea Art Shades Phlox,
Salmon Glory is from Art Shades

1625 GIGANTEA ART SHADES MIXED. An outstanding new strain of Phlox with flowers 1 to 1½ inches across. Annual Phlox are unrivaled for richness of color, profusion of bloom and compactness. Whether in clumps or masses, they are equally beautiful. The plants grow 9 inches tall and bloom from July to September. Our mixture contains a wonderful range of Art Shades; salmon, apricot, apple-blossom, soft rose, light blue, light mauve, pale violet; all with cream or white eyes. **Culture D or E. Pkt. 10c; 1/16 oz. 75c.**

Poppies, Annual

Poppies will grow most anywhere and you should scatter seed wherever there is any space in your garden, they are so bright. Make several plantings to have fresh flowers throughout the summer. They will not stand transplanting. The Shirley Poppies are all very attractive because of their good sized, beautiful silken flowers. **CULTURE A OR B.**

1651 SWEET BRIAR, Double Shirley. Deep rose-pink, formed like a large double Begonia. Much larger than standard Double Shirley. **Pkt. 10c.**

1654 SINGLE SHIRLEY MIXED. Silk or Ghost. What you would expect to see in a Chinese garden. Vivid, glistening. **Pkt. 8c; 1/4 oz. 25c.**

California Poppy

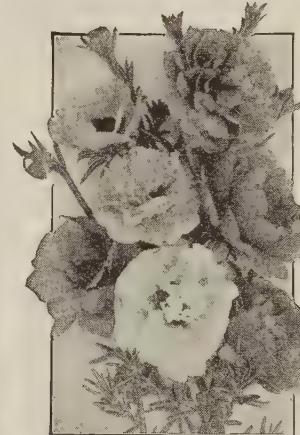
California Poppy, or *Eschscholtzia*, is the State flower of California and one of the most attractive low growing Annuals. The foliage is finely cut, fern-like, and silvery-green in color. They start to bloom a few weeks after the seed is sown. **CULTURE A OR B.**

809 DOUBLE MIXTURE. Like little silken flags, beautifully fluted and crinkled, double and semi-double. Rich yellow, orange and salmon color. **Mixed Colors. Pkt. 10c.**

808 RAMONA HYBRIDS. This grand strain contains all the lovely colors, shades and combinations of colors known to the *Eschscholtzia* family. **Pkt. 10c; 1/8 oz. 25c.**

Portulaca

Rose
Moss



for Hot,
Dry
Garden
Spots
Thrive in
Poor Soil

Double Portulaca

Portulaca will provide you with a brilliant floral carpet of adorable little silky rose-like blooms in a grand assortment of colors—Pink, Rose, Yellow, Apricot, Scarlet, Lavender, Cerise, White and variegated.

It is ideal for edgings, between stepping stones, for rock gardens, for sowing broadcast, in fact, any place where you want color and a low growing annual. Portulaca grows in the hottest spots, even in the poorest of soils and it seeds itself too, which makes it desirable in many locations where you wish to have the same planting more than one summer. Plant Portulaca, even if your garden space is limited, you'll enjoy an edging of these charming flowers. The foliage is attractive too.

1641 Double Mixed

The form of these lovely double, Rose-like silky flowers is shown in cut above. This grand mixture contains a brilliant assortment of colors. **Pkt. 10c; 1/16 oz. 35c.**

1642 Single Mixed

This mixture is unsurpassed for a carpet bedding where brilliance is desired. Our strain contains a complete assortment of glorious colors, Orange, Pink, Red, Buff, Yellow and White. Sow this seed broadcast in some hot, dry sunny spot and enjoy the colorful effect. **Pkt. 10c; 1/8 oz. 35c.**

SUDBURY SOIL TEST KITS

It's easy and inexpensive to test your own soil with these test kits. They are made especially for the amateur by the same laboratory which provides Government departments, county agents, agricultural schools and large professional growers with much of their testing equipment.

	(Approximate)	Postpaid
Jr. Professional Size	50 tests	\$ 4.75
Horticultural Size	150 tests	12.50
De Luxe Professional	300 tests	24.95

De Luxe Professional size includes laboratory equipment.

Complete instructions with all sets. Chemical refills are inexpensive and are available in all sizes extending the usefulness of the kit as long as unbroken.



Salpiglossis, Tall Mixed

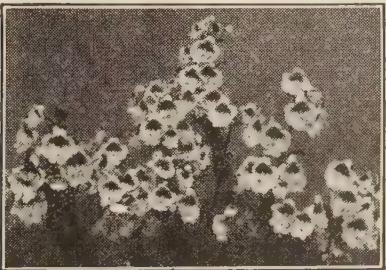
Salpiglossis

1705 DWARF GIANT FLOWERING. Salpiglossis is an aristocrat in appearance and is prized for its beauty. This is a new strain with compact, branching plants, 18 to 20 inches tall, making it ideal for bedding purposes. Extremely floriferous, the head of the plant being covered with Petunia-like blossoms, half again as large as the regular Salpiglossis. Our mixture contains blue, scarlet, crimson, brown, lilac and many intermediary shades, all beautifully veined with gold. **CULTURE A or B.** Mixed Colors. Pkt. 15c.

1703 TALL MIXED. Tall graceful plants 24 inches tall bearing large rich velvety flowers in all the finest colors. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Schizanthus

Schizanthus, or Butterfly Flower. Charming and dainty, compact and branching, 1½ to 2 feet high, delicate fern-like foliage. Bright range of colors, all blotched and marked. **CULTURE D OR E.**



Schizanthus, or Butterfly Flower

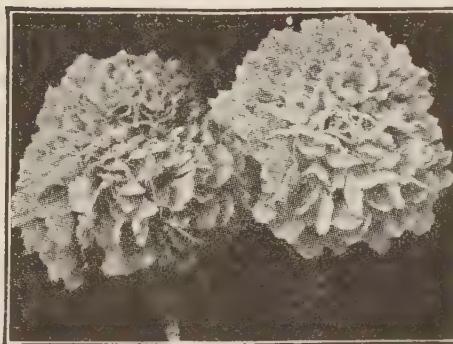
1739 GIANT FLOWERING HYBRIDS. An excellent strain for greenhouse growing but also fine for garden use. Wonderful color assortment. Pkt. 15c.



Salvia, Red, Splendens



Dwarf Salvia, Harbinger



Scabiosa, Blue Cockade

Salvias

Scarlet Sage. Salvia is one of the best bedding and border plants. Start seed indoors. **CULTURE D or E.**

Salvias, Scarlet

1711 HARBINGER. One of the finest Salvias. Will bloom early and continue till frost. About one foot tall, compact, with rich green foliage and vivid scarlet flowers. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

1707 BONFIRE, Clara Bedman. Plant of globular form, 1½ to 2 feet tall, upright spikes of dazzling flowers. Uniform growth, profuse bloomer. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

1706 SPLENDENS SCARLET. Most popular bedding variety. A scorching scarlet. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

Salvias, Blue

Salvia, Farinacea Blue

1713 FARINACEA BLUE. This beautiful variety is fine for cutting or for bedding. Tall graceful spikes. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

1715 BLUE BEDDER. Strain of Farinacea Blue but more dwarf and compact, free bloomer and deeper in shade. Pkt. 15c.

Stocks

Stocks come in a great variety of soft colors and are very attractive for cut-flowers both by the florist and the home gardener. They bloom in late summer, fall and winter. **CULTURE D OR E.**

1765 TEN WEEKS. Dwarf, Large Flowered. **Mixed Colors.** The favorites for bedding, dwarf, compact. Large double flowers. Our strain shows only a few singles. Pkt. 10c; $\frac{1}{8}$ oz. 45c.

1767 GIANT IMPERIAL DOUBLE. Improved Bismarck. Fine for greenhouse, large and branching, long flower stocks, 2½ feet tall. **Mixed Colors.** Pkt. 10c; $\frac{1}{16}$ oz. 35c.

1791 GIANT EXCELSIOR OR COLUMN DOUBLE. Produce one large flowering spike 3 feet long on each plant. **Mixed Colors.** Pkt. 20c.



Stocks, Giant Excelsior

Snapdragons (Antirrhinum)

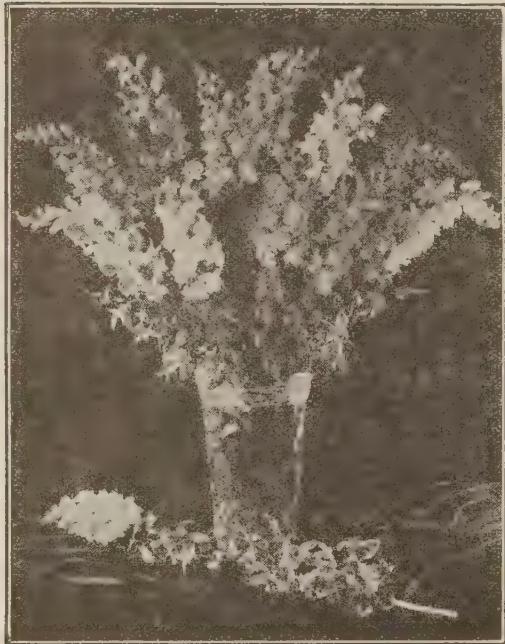
The delicacy, purity, variety and size of flowers make Snapdragons most desirable to all, for either garden or greenhouse culture. Speaking of greenhouse culture, brings to mind the fact that many hundred of the leading Florists of America who grow Snapdragons indoors, buy their seed from us because they have found by experience it is the best obtainable. You may as well have the best seed for your garden while you are at it. CULTURE D OR E.

Rustproof Snapdragons

Several years of careful work by our specialist, collaborating with the University of California to fight and overcome the rust which has at times hit Snaps in some parts of the country, is resulting in additions to the resistant strains. This is one of many jobs we are carrying on, relating to plant breeding in the interest of our customers.

Giant Snapdragons Rustproof

Giant or Maximum, is a great advance over the old Snapdragons. Magnificent in size and coloring, fully twice the size of the old types and with a color range that defies description. Plants 3 feet tall. Do not fail to include some of these in your garden.



Rust-Proof Snapdragons
45 Giant Mixed Colors

46 ALASKA. Snow-white.

50 COPPER KING. Burnish-copper.

51 CRIMSON. Deepest red.

53 LOVELINESS. Soft rose-pink.

57 YELLOW GIANT. Deepest yellow.

45 ALL COLORS MIXED. This mixture includes all the above and many other fine new and beautiful colors.

Any above Varieties, Pkt. 10c; $\frac{1}{8}$ oz. 45c.

44 COLLECTION MAXIMUM SNAPS.

5 Pkts. 1 each of above 5 named Varieties;
50c Value, for 40c.



**74 University of California
Rust-Proof Mixture.** Contains a wonderful range of most popular colors. Pkt. 10c; $\frac{1}{8}$ oz.
35c.

Majestic Snapdragons Rustproof

The Super Majestic Antirrhinum are the very latest development in this popular Annual. Spikes and individual flowers extra large, like the Giant type, the plants semi-dwarf and bushy, 18 to 24 inches tall and a mass of color, making a splendid plant for bedding and borders. They bloom profusely and are fine for cut-flowers. You will like the assortment of rich colors we offer you here.

80 ALL COLORS MIXED. This mixture includes all the above and many other fine new and beautiful colors. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

Tetra Snaps Antirrhinum Tetraploid

Absolutely the best Snapdragon on the market today. They are quite new though they have been much talked of by the growers for sometime.

Tetra Snaps are highly recommended as unquestionably the finest outdoor Snapdragon because of their big husky plants. Tall, but with finger-thick stems that keep the spikes erect and the tips straight.

Flowers are huge, mostly ruffled, in colors that cover the full range, with many flowers richly veined.

Tetra Snaps are an eye-opener for the home gardener, and once planted and enjoyed, they will be an annual flower that will be on the **must list** every year.

90 ALL COLORS MIXED.
Pkt. 15c; $\frac{1}{16}$ oz. 85c.

Early Forcing Snaps

For forcing into bloom in the greenhouse during the winter, we have made a mixture of the best florists strains available. This mixture contains all the best shades of pink, rose, gold, bronze, yellow and white. These may also be grown out of doors the same as the other types of Snaps. They produce tall plants and long spikes of large flowers.

**95 FLORISTS MIXED
COLORS.** Pkt. 25c;
Large Pkt. 50c.



Statice-Everlasting

Statice, Limonium, Sea Lavender, Beautiful for the garden and for winter bouquets. When dry it retains true colors. CULTURE D OR E.

1753 SINUATA MIXED. Excellent cut-flowers. Bright blue, rose and white. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

Sunflowers

4077 MAMMOTH RUSSIAN. The large flowered, tall growing variety. Oz. 8c; $\frac{1}{4}$ lb. 20c; Lb. 50c; 3 lbs. \$1.25.

Statice, Sinuata Mixed

Templin-Bradley's Lovely Sweet Peas

Most Desirable Varieties of Finest Quality

For distinctive beauty and extra fragrance, the Sweet Pea has no rival. You can have Sweet Peas in your own garden just as fine as those of the Florist. Pick the flowers frequently for abundant bloom. One ounce of seed will plant a single row 20 feet long.

Sweet Pea Culture. Prepare a deep trench, removing top soil and loosen subsoil, working into it some well rotted manure, replace top soil, leaving it 4 to 5 inches deep. Sow Sweet Pea seed in bottom of trench, 12 to 15 seeds to the foot for each row, then cover seed with 2 or 3 inches of soil and as vines grow, gradually fill up to the level. Sweet Peas must be sown early in the spring to get the best results, just as early as you can possibly work your soil. This is why many say plant Sweet Peas on St. Patrick's Day.

Plant Sweet Peas twice, both classes each time, in March and May for early and late summer flowers.

**INOCULATE THIS SEED WITH
LEGUME-AID**

Inoculate Your Sweet Peas

Inoculating your Sweet Pea seed when planting insures more vigorous growth, stronger stems, larger blooms and an earlier and longer blooming season. LEGUME-AID, Garden Size Pkt. 15c.

Sweet Peas in Special Mixtures

1807 TEMPLIN-BRADLEY'S MEDAL MIXTURE. If you have a limited amount of space for your Sweet Peas and yet wish to have the best named varieties in the most colorful and gorgeous display of Sweet Pea beauty and daintiness, plant this Templin-Bradley Medal Mixture. We have combined thirty or more choice named varieties of the Butterfly or Orchid Flowering Spencer Summer-Flowering Sweet Peas into this fine mixture. It will give you an unlimited supply of beautiful flowers for dainty bouquets. Pkt. 15c; Oz. 35c; 1/4 lb. 85c; Lb. \$2.25.

1808 DE LUXE GARDEN MIXTURE. Here is a mixture that will give you many thrills and a wealth of lovely flowers. We have combined both Early and Summer Flowering Classes, old and new varieties, every color and shade found in Sweet Peas and are giving you a truly De Luxe Garden. Pkt. 20c; Oz. 45c; 1/4 lb. \$1.15; Lb. \$3.00.

1809 NEW VARIETY MIXTURE. For the Connoisseur. As the name of the collection states, it is made entirely from New Varieties of Sweet Peas, of both the Early and Summer Flowering classes listed on this page. If you wish to have an "Up to the Minute" Garden, this is the mixture you should plant. These wonderful varieties, glorious colors, beautifully waved and frilled flowers, make this the grandest Sweet Pea Mixture possible. Pkt. 25c; Oz. 60c; 1/4 lb. \$1.70; Lb. \$4.00.

1861 EARLY FLOWERING MIXED. A splendid mixture of the above named varieties and many colors and tones. If you wish a fine lot of Sweet Peas with little space and a limited expenditure, plant these with our summer flowering mixed. Pkt. 10c; Oz. 25c; 1/4 lb. 60c; Lb. \$1.75.

1943 SHIRLEY TEMPLE: New, sweet and lovely as its namesake. Bright rose-pink. Large flower daintily frilled and fluted. Pkt. 10c; 1/2 oz. 30c; Oz. 50c.

Bargain Sweet Pea Offer Cut Flower Collection

We have selected the most outstanding variety from each of eight best colors and offer them to you for your cut flower garden. They are all large flowered and prolific bearers and will furnish many fine bouquets. The following varieties are included in this selection:

BEGONIA ROSE. A rich velvety begonia rose.
BLACK DIAMOND. A very deep maroon almost black.

CHINESE BLUE. Solid rich mid-blue. Very fine.

EXQUISITE. Soft coral salmon of delicate texture.

GIGANTIC. Very large flowered pure white.

GRAND NATIONAL. Large flowered cream deeply frilled.

FLORA. A clear deep lavender self of large size.

PINKIE. Large deep rose pink of velvety texture. These are not offered except in this collection.

1858 SWEET PEA COLLECTION, 1 pt. each of above \$8.50c.

1859 SWEET PEA COLLECTION, 1 oz. each of above \$8. \$1.25.

Tithonia "Torch" All-America Selection - 1951

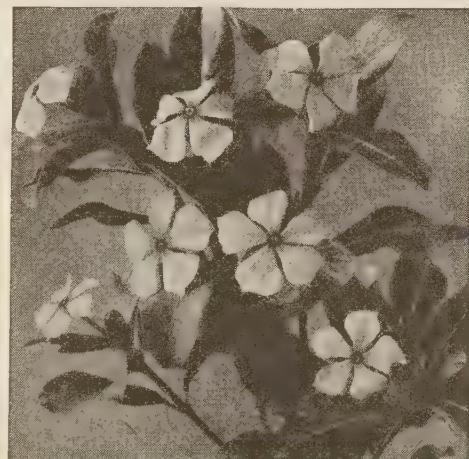
1990 TORCH is new type of Tithonia. It is as easy to grow as Zinnias. It is a cutflower that blooms from August until frost, is only waist high, and compact enough for any garden. The color is a rich scarlet-orange with large yellow center. Pkt. 25c.



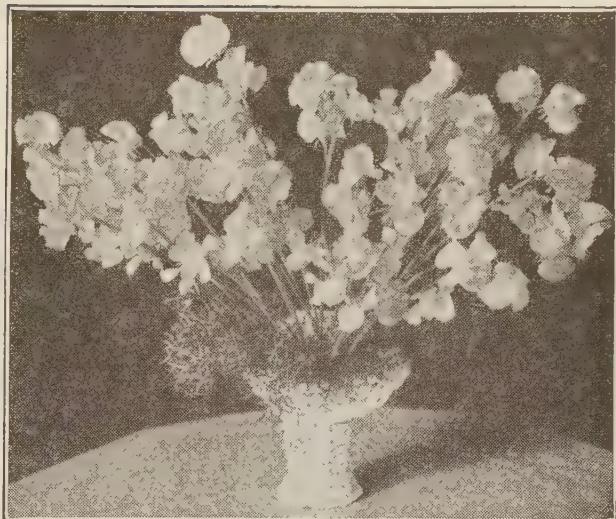
Annual Sweet Williams

Sweet Williams, Annual

698 ANNUAL SWEET WILLIAMS MIXED. A very fine and desirable annual variety not quite as tall as the perennial but in just as fine an array of colors. A valuable sort for bedding and for cut flowers. Culture D or E. Pkt. 5c; 1/8 oz. 25c.



Vinca Rosea, Periwinkle



Shirley Temple Sweet Peas

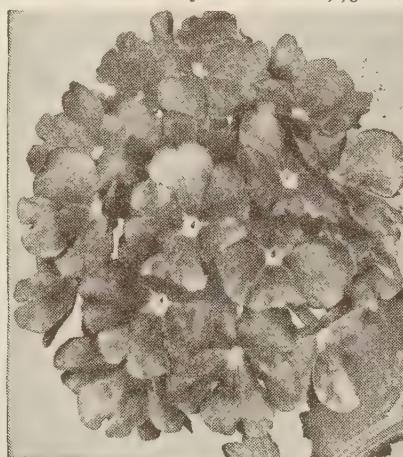
Verbenas

Verbenas are wonderful for Bouquets. Very free flowering Annuals of low spreading growth, forming a carpet of bright colors when in bloom, from July to frost. CULTURE D OR E.

2051 MAMMOTH GIANTS MIXED. An excellent mixture of Giant Verbenas, of all colors listed above and other distinctive colors. Pkt. 8c; 1/8 oz. 40c.

2069 MIXED HYBRID COMPACTA ERECTA. This new class of Verbenas is entirely distinct from the older forms. The plants are bushy and compact. They are wonderful for borders or bedding. Height 6 to 8 inches. Mixture of very choice varieties. Pkt. 10c; 1/8 oz. 25c.

2071 HYBRIDA GRANDIFLORA MIXED. This Hybrida Grandiflora Mixture contains a riot of gay and lovely colors. It will make a brilliant bed and will provide cut-flowers for your house from July until frost. They are not quite as large as the Mammoth Flowered, but of good size and larger than the Common Hybrids. Pkt. 5c; 1/8 oz. 25c.



Verbena, Annapolis Blue

Beautiful Blue Verbena

2048 Annapolis Blue: A beautiful mid-blue several shades lighter than navy blue, and with no trace of purple. A vigorous grower, the large blooms are produced on semi-erect 15 inch stems. Pkt. 20c.

Vinca Rosea

2081 PERIWINKLE. One of the finest border plants imaginable. 1 1/2 feet tall, compact and bushy. Dark shiny foliage. White, pink and crimson eye. Culture D or E. Pkt. 15c;

Vine Seeds

Climbing Vines are useful in so many places that you can use many different kinds without clashes of color or habit of growth. Where you wish to screen unsightly fences, sheds, etc., this mixture will give you an attractive assortment of climbing vines that will please you.

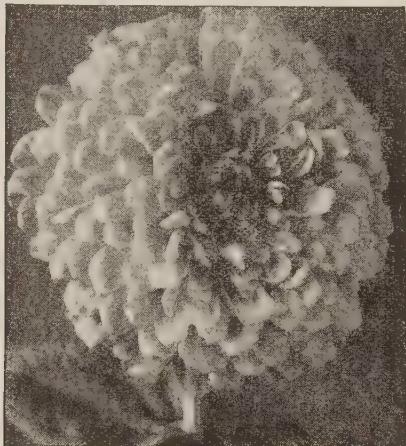
2376 CLIMBING VINE MIXTURE. You surely get your money's worth in this package as it contains a general mixture. Pkt. 10c; 1/4 oz. 25c.

Zinnias

Zinnias will provide an abundance of Gorgeous Color from July until frost. Zinnias, the historical flowers of Old Mexico, have been favorites in every garden for as long as there have been home gardens. In our grandmother's day, Zinnias were gay and colorful but only the common type, small flowers and a few primary colors were to be had. Today, we have Zinnias of huge size, of medium size and the tiny little baby types. Through years of scientific work and intense study, our growers have developed Zinnias that are almost beyond belief in size and beauty of color.

Giant Dahlia - Flowered Gold Medal Strain

The flowers of these Giant Dahlia Flowered Zinnias are immense in size, often 5 to 6 inches across and 3 inches in depth. The colors are marvelous pastel shades, the plants are robust and the flower stems straight and long. They are ideal for large, showy bouquets and for garden beauty. 2½ to 3 Feet tall. See Flowers in Color on page 2.



Giant Dahlia-Flowered Zinnia

- *2203 CRIMSON MONARCH. Rich red. Pkt. 10c; ½ oz. 30c.
- *2204 EXQUISITE. Rose-pink. Pkt. 10c; ½ oz. 30c.
- *2213 GOLDEN STATE. Orange-yellow. Pkt. 10c; ½ oz. 30c.
- *2206 POLAR BEAR. White. Pkt. 10c; ½ oz. 30c.
- *2210 PURPLE PRINCE. Purple. Pkt. 10c; ½ oz. 30c.

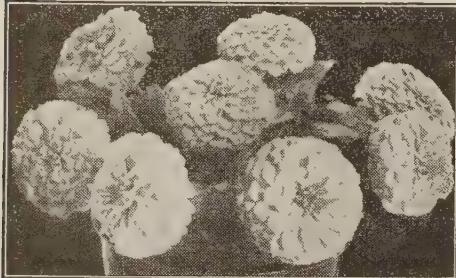
Zinnia Color Collection

- *2220 5 Pkts., Dahlia Flowered Zinnias, 1 Each 5 Colors, Value 50c for 35c.

2218 WILL ROGERS ZINNIA. This beautiful Dahlia Flowered Zinnia of brilliant scarlet red named for and dedicated to the memory of the late Will Rogers will add a blaze of color to your garden. It is one of the best for a bed of showy color and equally good for cut flowers. Pkt. 10c; ½ oz. 30c.

2201 GOLD MEDAL DAHLIA FLOWERED MIXED. A very fine color assortment of the above varieties in well balanced color proportion, a mixture that will give you a wonderful array of these beautiful bright colored flowers. Pkt. 10c; ½ oz. 25c; Oz. \$1.50.

Pumila Double Zinnias



Pumila Double Zinnias

2261 PUMILA MIXED COLORS. This is the best type for bedding, growing compact plants 1½ feet tall with a multitude of good sized, perfectly double flowers. Pkt. 8c; ¼ oz. 25c.



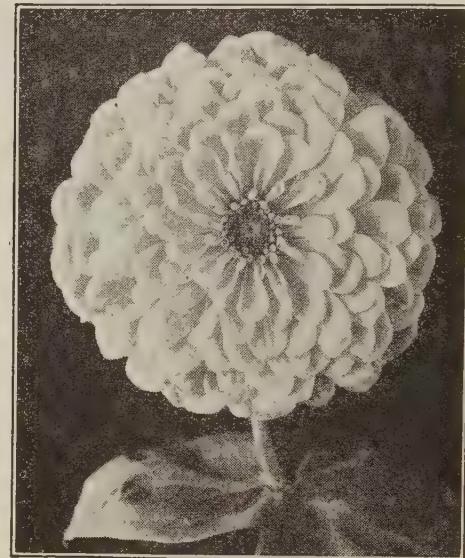
Templin-Bradley's Little Jewel Zinnias

2288 TEMPLIN-BRADLEY'S LITTLE JEWELS.

These small flowered Zinnias have a charm all their own. They lend themselves to bedding where a brilliant array of colors is needed. The stems are long enough to make the most wonderful bouquets, whether you wish just a tiny vase of flowers or a huge bowl of them. The mixture contains many combinations of colors in red, mahogany, rose, yellow, salmon and gold. Height 18 inches. Mixed Colors. Pkt. 10c; ½ oz. 30c.

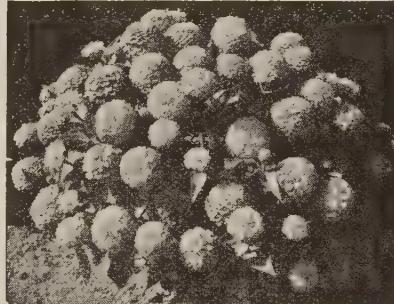
California Giant Zinnias

The stems are long and the flowers very large, 5 to 6 inches across, and flat, only about one inch deep. The petals are loosely placed and overlap, in shingle form. The colors are unusually lovely.



California Giant Zinnia

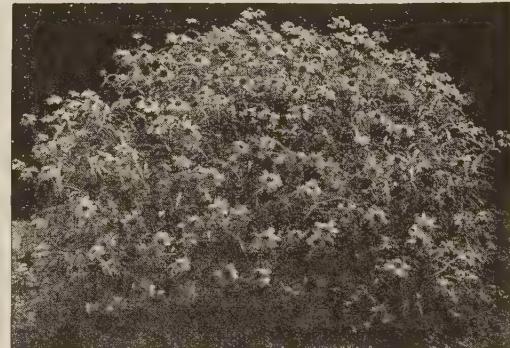
2241 CALIFORNIA GIANTS MIXED. All the above colors and other shades are included in this Giant Mixture. Pkt. 10c; ½ oz. 25c.



Plant of Zinnia Tom Thumb

2295 TOM THUMB ZINNIAS. Only 4 to 6 inches tall. Cute little Zinnias that are suitable for Rock Garden, edging or for pot plant use. The plants are covered with perfect little double flowers of red, orange, yellow, pink, rose and other pastel shades. Pkt. 10c; ½ oz. 35c.

Linearis Zinnia



Plant of Zinnia Linearis

A Special Zinnia Collection

Many do not know all of the beauties of Zinnias, their many colors, varying forms and extremes of size.

This special collection of five packets contains all these ranges and will provide you with very long season of blooms and copious quantities of gorgeous flowers in your garden and plenty to be cut for bouquets.

May we suggest that you order one of these collections of Zinnia Seed, plant and watch them this year. Your enjoyment will repay you many times for the trifling work and cost of seed.

Contains 1 full sized packet each of the following kinds:

	Price
Gold Medal, Dahlia Flowered Zinnia, Mixed	10c
California Giant Zinnia, Mixed	10c
Fantasy Zinnia, Mixed	10c
Lilliput or Baby Pompon Zinnia, Mixed	8c
Templin-Bradley's Little Jewel Zinnia, Mixed	10c
At catalog prices	48c
2230, Special Zinnia Seed Collection ONLY	35c

2300 LINEARIS. A Charming Little Zinnia from Australia. Unique and alluring with its pretty little single flowers of golden-orange, with a delicate lemon-yellow stripe through the center of each petal. Will flower 6 weeks after seed is sown, right on until the late frosts of autumn. Always looks neat. Plants 8 to 10 inches with a spread of 2 feet. Flowers produced in great profusion, literally hundreds open at a time. Valuable for border or edging and excellent for window boxes. Pkt. 10c; ½ oz. 50c.

Red Riding Hood Zinnia

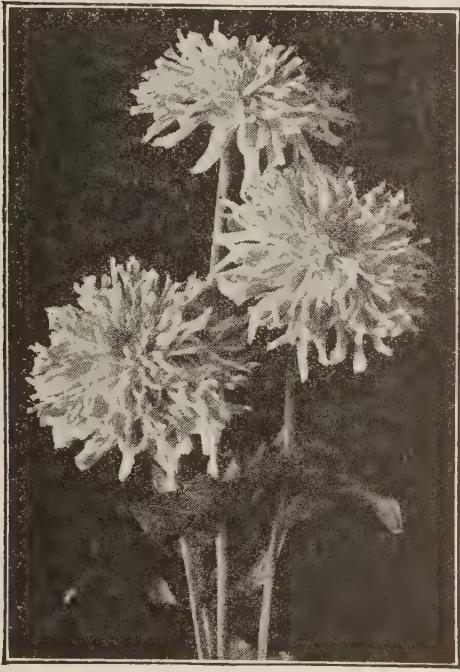
2286 RED RIDING HOOD ZINNIAS. 12 inches tall, of compact form and covered the entire season with little button-like double scarlet flowers, not over 1 inch across. Highly effective as a border plant. Brilliantly beautiful. Pkt. 10c; ½ oz. 25c.

More Zinnias

See Page 42 for other Zinnias.

New Fantasy Zinnias

2294 FANTASY. Perfectly named for they are so fantastic in their beauty and such a marked change over the usual stiff and formal type of Zinnias to which we have always been accustomed. Their informal, shaggy appearance make them so graceful and interesting, especially for cutting. Their colors are the richest and most gorgeous ever seen in the Zinnia family. Flowers $2\frac{1}{2}$ to 3 inches across on plants $2\frac{1}{2}$ to 3 feet tall. The cut shows the type of flower. The color range includes the brightest shades of red, yellow and orange, and pastel pink and cream. Mixed Colors. Pkt. 10c; $\frac{1}{8}$ oz. 25c.



Fantasy Zinnias

Tuberous Begonias See Front Cover

Do Equally Well in Garden, Indoors, in Porch Boxes and in Window Boxes.

GLORIOUS COLOR TONES

As wide a range of color tones as Tulip family, on background of rich, velvety, crinkled foliage. Many write us that their Begonias attract admiration of all who see them. The unusual forms and waxy texture make for rare beauty that will thrill you. Grand for cut-flowers, corsages, table decorations.

EASY TO GROW

Even a child can succeed, with our fine bulbs. Customers tell us they have kept the same bulbs for years, by storing indoors like potatoes before frost in the fall, with no reduction in size or number of flowers.

CULTURE. Plant bulbs outdoors as soon as frost is over, where summer mid-day sun from 10:00 to 3:00 does not strike them. (But not in total shade). Use good, well-drained, finely worked soil. I like to start mine indoors in sand about three weeks before time to transplant in garden. If you do this, do not permit more than three small, but perfectly-formed leaves to develop before you transplant. If you permit them to get too large before setting them in the garden, they will run more to foliage and less to flowers and flowers are what you desire.

Double Camellia Flowered

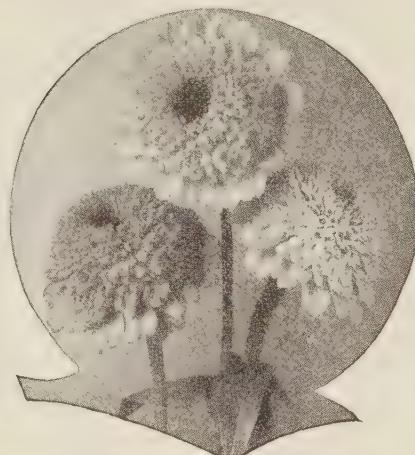
and

Single Frilled

Rose or Pink Shades of Yellow Dark Crimson	Orange, Salmon Red and Scarlet
--	-----------------------------------

Price 35c each; 4 for \$1.25; 6 for \$1.75; 12 for \$3.00; 50 for \$10.50.

Scabiosa Flowered Zinnia



Zinnia Scabiosa Flowered Mixture

2291 SCABIOSA FLOWERED. A new and very distinct type of Zinnia growing about 30 inches tall and producing an abundance of flowers in many colors. The outer petals are long and flat. The inner petals are short tubular florets forming a crest or crown somewhat resembling the Scabiosa. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Beautiful Begonias

As reported by a customer

Lancaster, Mass.

Gentlemen:—

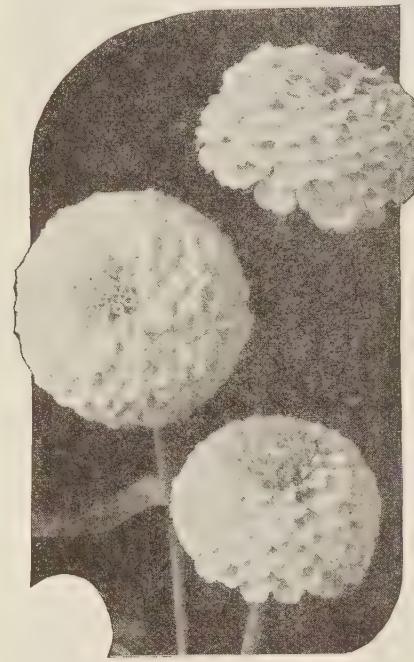
I want you to know how marvelously beautiful my Tuberous Begonias were this year. I have raised them for 18 to 20 years and they have been of unusual beauty, more so than the "professionals" in this section raise. However, this year they have surpassed all former attempts and have been greatly admired by friends and passers-by. With the 25 bulbs purchased this spring and the 20 from last year, and grown in tiered boxes from the ground to the windows, they made a wonderful showing. Though the conditions as to soil and exposure seem to be about perfect, I feel sure that the quality of the bulbs paid a large part in my success.

It is my guess that you will have orders from some of my friends.

Respectfully,
Blanche E. Willard

Lilliput or Pompon "Baby Zinnias"

Lilliput Zinnias form pretty little dwarf, compact plants, literally covered with very double flowers 1 to $1\frac{1}{2}$ inches across. They bloom all summer and provide an immense quantity of charming little flowers for miniature bouquets. The colors are lovely, too. 12 to 15 in.



Zinnia Lilliput or Pompon

2271 ALL COLORS MIXED. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

What Makes Zinnias So Popular

Zinnias are so popular because they come in gorgeous, vivid, as well as pastel colors; withstand almost desert heat; bloom as early when seed is planted directly in the garden as from plants started indoors and transplanted; bloom profusely, even for inexperienced gardeners. Plant plenty of Zinnias from seed.



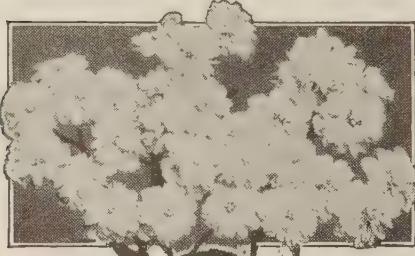
About Half Actual Size.
Many Pleasing Shades.

All good, blooming size bulbs, big and vigorous enough to give you excellent results. We do not guarantee definite shades as they vary in color

The Best Perennial Seeds

The term Hardy Perennial is used to distinguish that class of plants whose life cycle is not completed within one or two years, but grow year after year, increasing in beauty and size and are hardy enough to withstand the severe weather of the winters. Great Horticulturists and Plant Breeders in many parts of the world have spent their lives developing and improving many varieties of these lovely flowers. Not until trial grounds have proven that we are giving you something that will benefit your garden, do we offer you a new variety or strain. The Perennial Seeds we offer to you on the following pages will please you and will make your garden a thing of beauty for many years.

Growing Perennials From Seed See Culture "F" on page 20, also Perennial Page 48.
The letters R. G. after the name means the variety is especially fine for Rock Gardens.



Achillea

Achilleas, Milfoil

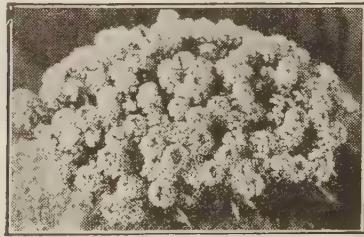
2505 THE PEARL, Pilmica Double. If sown early, Achilleas will bloom the first season. Fully double pure white flowers like little snowballs, all season from spring until fall. Fine for cutting, 2 feet. Pkt. 10c; 1/16 oz. 55c.



Agrostemma

Agrostemma, Mullein Pink

2521 CORONARIA, ROSE OF HEAVEN, Atrosanguinea, R. G. Brilliant blood-red flowers small single pinks, June to August. Sown early will bloom first year. Fine cut-flower, very showy in borders. 2 ft. Pkt. 10c.



Alyssum Saxatile

Alyssums, Hardy

2528 SAXATILE COMPACTUM, Basket of Gold, R. G. Masses of golden-yellow flowers in May. Plant and flowers similar to Annual Alyssum. 9 to 12 inches tall. Pkt. 10c; 1/8 oz. 25c.

2531 ROCK GARDEN SPECIES MIXED, R. G. The rarer dwarf varieties such as Montanum, Rostratum, Corymbosum etc. Bloom April to August. Pkt. 15c.

Anchusa, Bugloss

2533 ITALICA GRANDIFLORA, Bugloss Dropmore. Lovely deep blue trumpet-shaped flowers, borne freely from May to July. Likes partial shade. 3 to 4 feet. Pkt. 10c; 1/4 oz. 30c.

2534 MYOSOTIDIFLORA. With those who delight in Rock Garden varieties of real merit, Anchusa Myosotidiflora will at once become a favorite. The beautiful rich green foliage completely covers the dwarf plants from which arise many airy sprays of the most delightful forget-me-not blue flowers during April and May and at intervals throughout the summer. Will grow from 9 to 12 inches tall. Pkt. 15c.

Anemone, Windflower

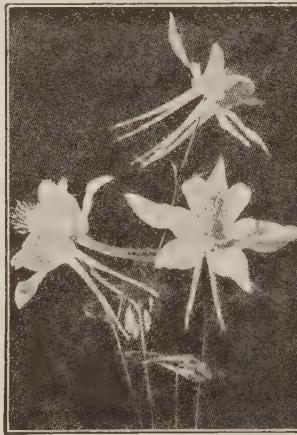
2541 CORONARIA, ST. BRIGID, R. G. Among the prettiest of Perennials, and this strain with large, double and semi-double flowers of wide color range is best of all. 1 to 1 1/2 inches across. Flowers in May and June. 1 ft. Pkt. 15c.

Aubretia, Deltoides

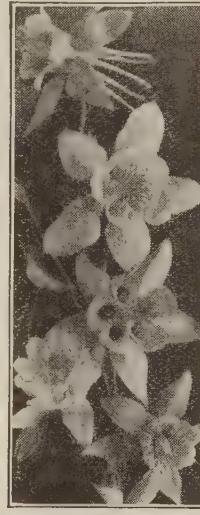
2606 LARGE FLOWERED HYBRIDS, R.G. 6 inches tall, many colors. Pkt. 15c.



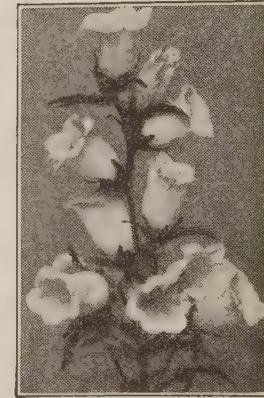
EZY WEAR GLOVES. Give you everything you want in a garden glove; all leather protection from dirt, stains, scratches and infections. Made of select lamb skin, washable, keep their softness. **Three Sizes**, ladies' medium, ladies' large and men's medium. **\$1.25 per pair.**



Dobbies Aquilegias Hybrid



Templin-Bradley's Long Spurred Hybrid Aquilegia



Campanula Medium

Campanulas

There are few groups of plants which possess such beauty as do the Campanulas. Some are Perennials, others Biennials. They like sunny situations and the seed may be sown any time from spring until August. Sow seed of the Biennials each season. To prolong blooming season, cut off flowers as they fade. Give protection over winter.

Campanula, Canterbury Bells

Campanula Medium. Showy plants, 2 to 3 feet high, large bell-shaped flowers.

2636 MEDIUM SINGLE MIXED. Pkt. 8c; 1/4 oz. 30c.

2644 MEDIUM DOUBLE MIXED. Pkt. 10c; 1/4 oz. 35c.

Campanula, Cup and Saucer

Campanula Calycanthema. Flowers tubular bell-shaped with saucer-like petal fringed at base, giving appearance of cup and saucer. Bloom June and early July, 2 1/2 feet tall. Biennials, blooming the second year from seed sown in June.

2651 CAMPANULA CALYCANTHEMA MIXED. Pkt. 10c; 1/8 oz. 40c.

CHEIRANTHUS. See Wallflower

Pelleted Perennials

DELphinium. Gold Medal Mixed.

HOLLYHOCK. Giant Double Mixed. **20c Per Pkt.** See Page 8.

Chrysanthemums, Cascade

2747 Single and Double Mixed. White, yellow, bronze, pink, rose, red and crimson. Single and double, 2 inches across, drooping stems. For hanging baskets or garden. Not absolutely hardy. **SEED NOT AVAILABLE THIS YEAR.**

CHRYSANthemums, HARDY. See Shasta Daisy.

Coreopsis

2756 MAYFIELD GIANT. New strain 3 to 3 1/2 feet tall, masses of extra large golden-yellow flowers on long firm stems. Superior to original semi-double. **Pkt. 15c.**

2757 DOUBLE SUNBURST. If you want something real brilliant in your garden and home, plant some of these. 2 inches across, deep golden-yellow, about 80% double. **Pkt. 15c.**



Templin-Bradley's Giant Carnation



Carnation, Chabauds

Carnations, Hardy

2708 CHABAUDS. Large double and semi-double flowers on stems 16 to 20 inches and in a great variety of colors. For outdoors in north, treat as Annual. Greenhouse strain. Pkt. 10c.

2712 TEMPLIN-BRADLEY'S NEW GIANTS. A very fine development of the garden Carnation having extra large flowers, very double and delightfully fragrant. Plants grow 18 inches high with excellent stems each surmounted by a fine large double bloom of finest cutting quality. Colors range from white to deep crimson and violet and includes yellow. Not extremely hardy but blooms freely the first year from early seeding. Pkt. 10c.



Dianthus, Semperflorens, Hardy Pinks

Dianthus

Spice or Clove Pinks

Every garden should contain at least a few clumps of these old fashioned fragrant Pinks. Excellent for border, blooming in June. 15 to 18 inches tall.

2796 SEMPERFLORENS. (Florist's Perpetual Pinks.) R. G. Everblooming, many colors, double, semi-double and single. 15 inches. Pkt. 10c.

2802 SCOTICUS, DOUBLE SCOTCH MIXED. Large, double fringed flowers, spring and early summer. Fragrant. Pkt. 20c.

2798 DOUBLE MIXED COLORS. Fine mixture of all shades. Pkt. 10c.

2799 ROCK GARDEN PINKS MIXED. R. G. Best adapted for Rock Garden and border. Pkt. 10c.



New Delphinium Pacific Hybrids

Delphiniums

Their popularity is growing each year because of the stately magnificence of the flower spikes, and beautiful shades of coloring. Belladonna, Bellamosa and Hybrids, grow 3 to 6 feet tall, bloom in June and July, and if cut back and fertilized after bloom, will give more flowers in late summer or early fall. CULTURE F.

2775 TEMPLIN-BRADLEY'S ENGLISH HYBRIDS. (Blackmore and Langdon's Prize Strain.) This strain is the product of many years of patient hybridizing and selection by one of the outstanding horticulturists of England. The best strain seen in Europe's wonderful Delphinium plantings on a personal trip by Mr. Bradley. The recipient of many Gold Medals and Awards. The coloring, all the clear shades of blue with many opaline variations, and the size and refinement of the flowers, are unexcelled. Grow 3 to 6 feet tall. Pkt. 25c; $\frac{1}{2}$ oz. 45c.

Hollyhock or Wrexham Types

2774 HOLLYHOCK OR WREXHAM DELPHINIUM. A distinct new type of Delphinium with massive yet refined spire-like spikes that taper to the tip. The individual florets are very large and closely arranged on the stems. The flowers are in the most beautiful shades of blue, lavender and purple, singles, semi-doubles and doubles. Pkt. 20c; $\frac{1}{2}$ oz. 40c; $\frac{1}{16}$ oz. 75c.

In Separate Shades

We offer this splendid strain this year in separate shades for the discriminating grower.

2776 ART SHADES. **2777 BLUE SHADES.**

2778 DARK BLUE SHADES.
NO SEED.

Gold Medal Hybrids

2773 GOLD MEDAL HYBRIDS. A good strain at a low price. These hybrids embrace a nice collection of Hybrid Delphiniums. The shades range from pale lavender to deep indigo-blue, a glorious mixture. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

2770 BELLADONNA. Most continuous blooming of all, early June until frost. Clear turquoise-blue flowers, delicate, beautiful and most popular. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

2771 BELLADONNA IMPROVED. Carefully selected strain of Belladonna type, excellent uniformity of type and color. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

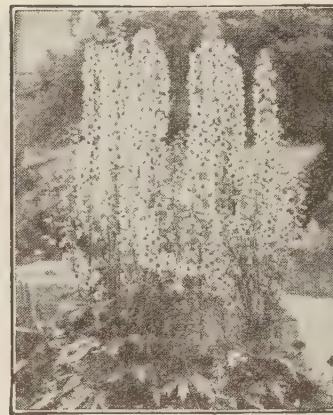
2772 BELLAMOSA. Similar to Belladonna but much deeper and richer blue. Pkt. 10c; $\frac{1}{16}$ oz. 35c.

Chinese Butterfly Varieties

Perfectly hardy and seed sown early will bloom first year. Flowers on loose sprays. Fine for garden display or cutting.

2782 DWARF BLUE BUTTERFLY. Pkt. 10c.

2783 CAMBRIDGE BLUE. Pkt. 10c.



English Hybrids Delphinium

More Delphiniums

2780 REGAL HYBRIDS. A new and outstanding strain of Hybrids which we believe is the equal of many of the very high priced strains. Large double flowers of the richest color tones and of the finest flower forms yet achieved in the Delphiniums. Plants are vigorous and hardy growing to 6 feet in height. If you buy this seed you will certainly have a strain of the finest parentage. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

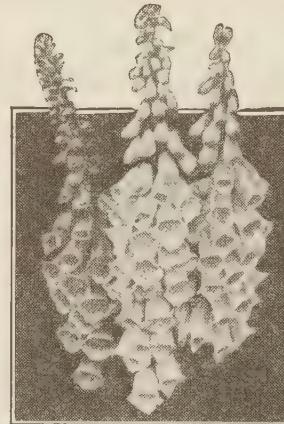
New Delphiniums

2790 GIANT PACIFIC HYBRIDS. This wonderful new strain produces huge flowers often 2 to 2½ inches in diameter, beautifully spaced on tall well proportioned spikes growing 6 to 8 feet tall. The plants are strong vigorous growers with an abundance of rich green foliage that is comparatively mildew resistant. The tall spikes are on strong woody stems and bear a grace and charm that far surpasses all other sorts. The colors in these new hybrids range from pure white through all the lovely light blues and pastels and include the rich dark blue and violet tones, with both light and dark "bees." The Giant Pacific Hybrids are practically 100% double flowered. Pkt. 30c.

Lovely Delphiniums

2790-F GIANT PACIFIC WHITE. This grand white is a careful color selection from the New Giant Pacific Hybrids and has all the vigor and virtues of the parent strain. The beautiful pure white petals in their graceful double arrangement with large "bees" sometimes pure white and often dark and contrasting, form a most attractive flower. Spikes tall and graceful. Pkt. 35c.

2785 LAMARTINE. One of the most beautiful of the blue flowers for the hardy garden. The flowers of a beautiful rich gentian blue each have a pure white eye. They are borne on tall spikes five feet tall and bloom from early June to frost. Plants are vigorous, easily grown and perfectly hardy. Pkt. 15c.



Digitalis, Shirley

Digitalis or Foxglove

Foxgloves are Biennials, so after blooming, cut down and sow more seed each season. Wherever planted Foxgloves give the appearance of dignified beauty. Bloom June and July.

2815 THE SHIRLEY. Finest strain ever introduced, long, large flower spikes, flower heads 3 feet long, covered with big bell-shaped flowers. White and shell-pink to deepest rose, many dotted with crimson or chocolate. 5 to 6 feet. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

2816 GOOD MIXED. White, pink, rose and mottled colors. Pkt. 10c; $\frac{1}{8}$ oz. 20c.



Gaillardia Grandiflora Goblin

Gaillardias, Hardy

Easily grown, very showy, fine for cut-flowers and almost perpetual bloomers, July to November. If sown early, will bloom the first year. 1½ to 3 feet tall.

2890 BURGUNDY. Solid maroon, tips yellow. Grandiflora type. Pkt. 15c.

2886 GRANDIFLORA MIXED. Combinations of yellow and maroon-red. Rich. Pkt. 8c; ¼ oz. 30c.

2892 GOBLIN GRANDIFLORA. First really dwarf Gaillardia. Compact, 12 inches tall, closely covered with large showy flowers, red, bordered yellow. Planted in March will flower same year. Pkt. 20c.



Geum, Mrs. Bradshaw

Geums

The Geums are becoming more popular each year, for their free flowering and attractive plants are a valuable addition to any hardy garden. Very easily grown from seed and produce a continuous supply of flowers for cutting.

2901 MRS. BRADSHAW. Double, bright red flowers 1½ inches across, May and June on stems 18 inches tall. Foliage at base. Pkt. 10c.

2902 LADY STRATHEDEN. Similar to Mrs. Bradshaw in growth, but bright golden-yellow flowers. Pkt. 10c.

Glorious Double Heliopsis

2943 HELIOPSIS LEMOINE STRAIN. The most beautiful of all Heliopsis varieties the new Lemoine strain bears a multitude of large double golden yellow flowers of exceptional value as cut flowers. Started early this strain will come into flower the first year. We consider this one of the loveliest of all new perennials in its color. **NO SEED.**

Hesperis

2954 MATRONALIS MIXED, Sweet Rocket. For naturalizing among shrubs or permanent border. Fragrant flowers, white, violet and purple. Similar to Phlox. Blooms May and June. 2 to 3 ft. Pkt. 10c; ¼ oz. 25c.

Gypsophilas

Hardy Baby's Breath. A class of hardy Perennial flowers that is almost indispensable to the garden from which cut-flowers are gathered. Gypsophila gives a daintiness to all bouquets.

2914 PANICULATA SINGLE. Immense panicles of white, gauze-like flowers. 2 feet. Pkt. 10c; ¼ oz. 25c.

2915 DOUBLE FLOWERING. "Snow White." For winter bouquets. Showier than single. Pkt. 20c.

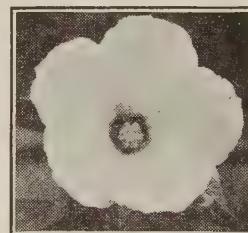


Heuchera

Heuchera

2962 SANGUINEA GRANDIFLORA HYBRIDS. Includes white, pink, scarlet and crimson. 2½ ft. Pkt. 15c.

2964 HEUCHERA SPITFIRE. An unusually fine and desirable variety of Coral Bells. Vigorous and free blooming producing many large brilliant bells of rich scarlet on tall strong stems. A most valuable sort to add to your perennial planting both for garden display and cut flowers. Pkt. 20c.



Hibiscus, Mallow

Hibiscus, Mallow

Shrub-like plants 4 to 5 feet high, bearing, August until frost, immense single flowers 4 to 6 inches. Easily grown from seed.

2972 MALLOW MARVELS MIXED. White, pink and crimson. Mixed. Pkt. 10c; ¼ oz. 65c.



Double Hollyhocks

Lavendula

3026 SWEET LAVENDER. Shrubby Perennial 1½ ft. high, gray-green foliage, small blue flowers, July-Sept. Fragrant foliage. Give winter protection. Pkt. 15c.

Lily Seed

3041 LILUM REGALE, Regal Lily. Easily grown from seed, blooms the third year. One of the loveliest of all Lilies. Pkt. 10c; ¼ oz. 25c.

Linum

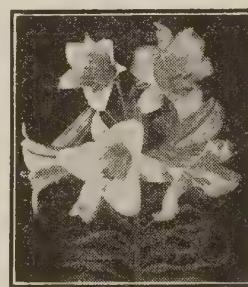
3055 PERENNE BLUE, Perennial Flax, R.G. Small flat flowers, azure-blue, May and June. Erect, leafy stems. 1½ to 2 ft. tall. Pkt. 10c; ¼ oz. 25c.

Lobelia

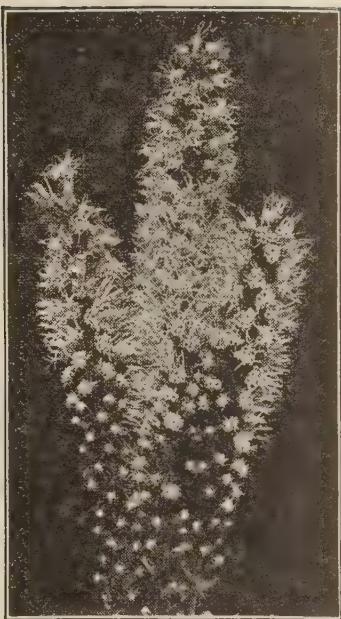
3061 CARDINALIS, Cardinal Flower. Flowers intense cardinal-red, 1 inch long, in spikes on erect leafy, unbranching stems. July to September. 2½ to 3 feet. Pkt. 15c.

Lunaria

3068 BIENNIS, Honesty, St. Peter's Penny. Grow for silver pods for winter decorations. Purple flowers in summer. A Biennial. May be grown as an annual. 2 feet. Pkt. 10c; ¼ oz. 25c.



Lilium Regale



Liatris, Kansas Gay Feather

Liatris

3034 PYCNOTACHYA, Blazing Star, Kansas Gay Feather. Slender grass-like leaves, thickly covering the stems. Tall, graceful spikes of bright rosy-purple flowers. July-August. 6 ft. Pkt. 15c.



A Clump of Lupines

Lupines Hardy

Spikes 3 to 4 feet tall of softly colored flowers, individual florets resemble Sweet Peas. Leaves palm-like, form thick ornamental clumps of light green. Bloom May-June.

3079 POLYPHYLLUS MIXED. Pkt. 10c; 1/4 oz. 25c.

Papaver, Poppy

3176 ORIENTAL SCARLET. Brilliant orange-scarlet with large black blotch at base of petals. Pkt. 20c.

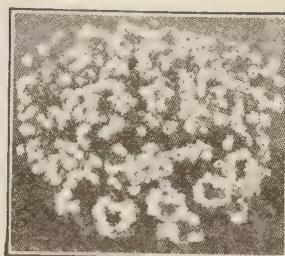
3177 ORIENTAL HYBRIDS. Contains the finest new shades developed in recent years, through orange, salmon and scarlet. Pkt. 20c.

Meconopsis

3098 BAILEYII, Blue Poppy. From Tibet. From its root stock, half a dozen leafy stems, 3 feet high with broad sea-green leaves, flowers four-petaled, sky-blue with golden-yellow anthers. Blooms in July. Pkt. 15c.

Monarda

3106 DIDYMA HYBRIDA MIXED. Bergamot, Bee Balm, Oswego Tea. Scarlet-crimson, rose and purple. 3 feet high. NO SEED.



Myosotis, Everblooming

Myosotis

3117 ALPESTRIS "BLUE BALL," Forget-Me-Not. Compact, globular, regular growth. Flowers deep blue. A gem for bedding in the spring. Pkt. 15c.

3120 EVERBLOOMING PALUSTRIS. Semper-florens. Blooms all summer. Small blue flowers in clusters on half creeping stems. For carpeting shady and moist places. Pkt. 10c.



Pentstemon

Pentstemon

3193 LARGE FLOWERING HYBRIDS. The delightful Gloxinia-like flowers are borne in the most marvelous array of colors imaginable on branched spikes 2½ to 3 feet. The flowers are numerous and closely arranged on the spike, thus being very desirable for cutting. Pkt. 20c.

3192 SENSATION GLOXINOIDES. Resembles Gloxinias. Pink, rose, red, lilac and purple. 2 feet. Pkt. 10c.

PHYSALIS. See Chinese Lantern.

Primulas

Hardy Primroses. Delightful little flowers in all the brilliant colors that mean so much to your garden in April and May. They have few rivals for planting along shady paths or in the Rock Garden. Seed germinate slowly and fall planting is preferable. You will enjoy their beauty.

3252 JAPONICA MIXED. Very showy, blooms in June. Mixed colors, purple, lilac and pink. 18 to 24 inches. Pkt. 20c.

Silene

3338 SCHAFTA, Catchfly, R.G. Masses of bright pink double flowers from July to October. Very easily grown from seed. 4 to 6 inches. Pkt. 10c.

Stokesia

3354 CYANEA BLUE. Stoke's Aster. For the blue garden. Large flowers (3 to 4 inches) of lavender-blue resemble Aster and Cornflower. Bloom July to October. 1 to 2 ft. Pkt. 10c.



Iceland Poppy
"The Empress"

Poppies, Iceland

Nudicaule, Iceland Poppy. Neat little tufts of attractive foliage, Rock Garden favorites. Flowers of tissue-paper appearance, on stems 1 foot long. Fine for cut-flowers.

3190 GARTFORD GIANTS MIXED. An unusually fine mixture of beautiful rich colors and shades, excellent stems. Pkt. 20c.

3191 "THE EMPRESS." Distinct from all others. Giant flowered, broad petals, deeply fluted or wrinkled. Effect of semi-doubleness. Salmon-rose and pink, never seen before in Nudicaule Poppies, fascinating tones to intrigue the imagination. Blooms from seed the first year. Pkt. 15c.

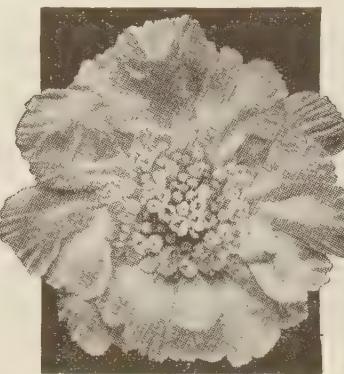
Salvia, Hardy

3291 AZUREA GRANDIFLORA, Meadow Sage. Small tubular flowers, sky-blue, long spikes. August and September. Easily grown. Protect over winter. 4 to 6 feet. Pkt. 10c.

Scabiosas, Hardy

Quite like the Annuals, though more graceful. Bloom June to September. Give a slight mulch for winter.

3297 CAUCASICA BLUE. Blue Bonnet. Single row of broad petals, center of many tiny florets. Very dainty. Extra long stems. 2½ to 3 ft. Pkt. 10c.



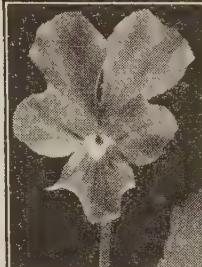
Scabiosa-Isaac House

3300 ISAAC HOUSE HYBRIDS. Improved Caucasicas, longer stems, large flowers, light lavender to deep heliotrope-blue. Ruffled and fringed. Pkt. 10c; 1/16 oz. 50c.

3301 COLUMBARIA PINK. South African, dwarfed than Caucasicas. Short, compact flowers 2 to 2½ inches across on long stiff stems. Pkt. 10c.



Shasta Daisy



Viola, Hardy

Adorable little Pansy-like faces. Beautiful colors.

Shasta Daisies

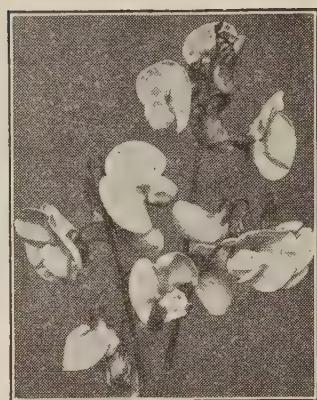
Chrysanthemums Leucanthemum, are of the Shasta Daisy type, so wonderful for garden display or cut-flowers.

2738 BURBANK'S SHASTA DAISY ALASKA. Finest hardy daisy, pure white, 2½ to 3 inches across. July and August. 2½ ft. Pkt. 10c; ¼ oz. 30c.

2744 DOUBLE SHASTA DAISY. New and unusual, large percentage of doubles, like Asters. Pkt. 30c.

2748 MAWII. New pink Shasta Daisy. 1½ to 2 inches across. Plants 1 foot. Rare. NO SEED.

2739 MRS. C. LOWTHIAN BELL. Largest flowered, June to October. 2 ft. NO SEED.



Sweet Peas, Hardy

Sweet Peas, Hardy

Lathyrus Latifolius. For covering old stumps, fences, etc. Perfectly hardy, increasing in beauty each year. June to August.

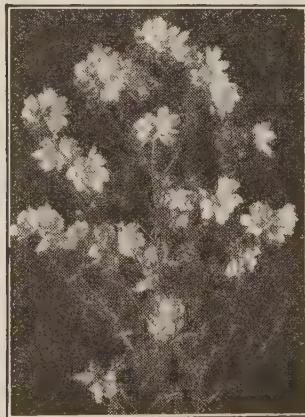
3016 HARDY SWEET PEAS MIXED. Pkt. 10c; ¼ oz. 35c.

Tritomas

Red Hot Poker, Flame Flower or Torch Lily. Really Perennials, but roots tender, and should be taken up and stored like Dahlias.

3407 ELEGANS MULTICOLOR. Early flowering Hybrids in a rich variety of shades flaming orange, yellow and scarlet. Pkt. 10c.

3408 PFITZER'S HYBRIDS. Great waxy flowers of rich orange-scarlet, making a splash of vivid color. Pkt. 15c.

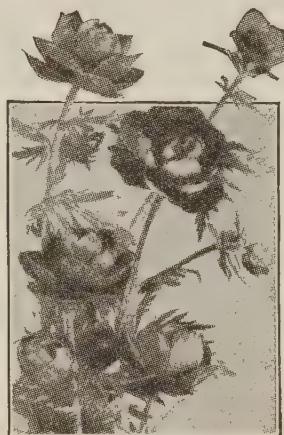


Sidalcea

Sidalcea

Spikes 2½ to 3 feet in height, densely covered from July to September with pretty single rosy-pink flowers. Each about an inch across.

3328 HYBRIDS. Many shades. Pkt. 10c.



Trollius, Globe Flower

Trollius

Globe Flower or Golden Ball. Beautiful gold and yellow Perennials. 18 inches tall, flowers large, globe-shaped, 1½ inches across. Bloom in May and June, sometimes a second crop is produced in the fall. Seed sometimes not starting until the year following the sowing.

3403 LEDERBOURI. Deep orange. 2 ft. Pkt. 15c.

Violas, Hardy

Viola Cornuta, Hardy Tufted Pansies combine the free blooming habits of Pansies with the hardy character of Violets. Will not run out like the Pansy nor are the flowers as large, but produced in profusion during entire season.

3457 ARKWRIGHT'S RUBY. Bright ruby-crimson with terra cotta shadings. Pkt. 15c.

3448 VIOLA CORNUTA MIXED. All available colors in the large flowering varieties. Pkt. 10c; ¼ oz. 45c.

3452-A. CHANTREYLAND. Among the delightful Viola Cornutus, Chantreyland takes top place. Its beautiful, pure apricot color, fine flower form, abundance of bloom and neat plant habit, all help to make Chantreyland almost the perfect Viola, and it comes exceptionally true from seed. Pkt. 15c.

Wallflowers

Cheiranthus. Delightfully fragrant. Bloom in spring. Beautiful flowers in many colors. Protect during winter.

3462 TALL DOUBLE BRANCHING MIXED. Pkt. 15c.

2734 ALLIONI, Siberian Wallflower. R.G. Abundance of dazzling orange flowers. June to July. Excellent for Rock Gardens. 1 ft. high. Pkt. 10c.

Grand Perennial Mixtures

If you want just "lots of flowers" in Perennials, and are not fussy about keeping the varieties separate, here are two dandy Mixtures that will give you quantities of many, many different kinds at very low cost.

3471 TALL SORTS. Most desirable varieties for border planting or for cut-flowers. Most all grow 2 to 3 feet tall. Very interesting to grow. Pkt. 10c; ¼ oz. 35c; Oz. \$1.00.

3472 FOR ROCK GARDENS. This mixture includes the varieties that are best for Rock Garden use. All semi-dwarf and low growing and will thrive well in the rockery. Pkt. 20c; ¼ oz. 25c.

HOW TO GROW PERENNIALS FROM SUMMER SOWING OF SEED

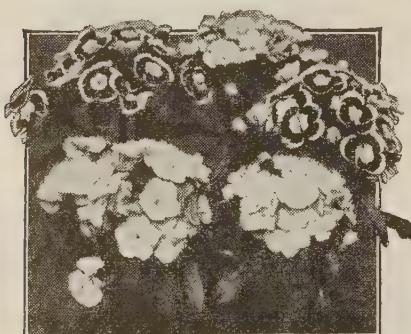
Nearly all of this class of plants may be as successfully propagated by late summer sowing (July or August) as by spring sowing and in many cases more satisfactory results obtained. Very few realize how easily this may be done.

For this purpose select a somewhat protected spot in the garden. Improve the soil as much as possible. A cold frame, even though small is a great advantage, and can very easily be provided. All that is necessary is a frame constructed of boards to the height of 10 to 12 inches, of whatever size desired. Over this, in case of bad weather or hot sun, muslin may be stretched or slatted frames made from lath may be used. Within this frame the soil should be raised two or three inches above the outside level to insure good drainage, and worked into a well prepared seed bed.

It is well, if the soil is rather heavy to add whatever quantity of sand and fine humus, such as Peat Moss, as it may require to produce a mellow, friable soil that will remain fine and loose. Peat Moss is especially beneficial to young seedlings.

In this well prepared seed bed, sow the seed preferably in rows three or four inches apart. One thing that will be the most helpful to success is the proper depth of planting. This must be regulated by the size and nature of the seed. Very fine seed should barely be covered with sand, in fact, simply pressing the seed into the soil with the palm of the hand and keeping it covered with burlap or newspaper until it shows growth is sufficient. Larger seeds should be covered two or three times their diameter. Watering should be done very carefully with as fine a spray as possible. Keep the soil uniformly moist but not wet, and do not allow it to become dry at any time. After sowing, the seed bed should be shaded during the day until the seedlings are well started when they may be gradually accustomed to the sunlight. It is well to protect the seed bed during the night or any absence from home, as rains do much damage to newly sown seed beds or to small seedlings.

As soon as the seedlings become large enough to handle, or when showing their third and fourth leaves, they should be transplanted to a place where they may have plenty of space to develop (4 or 5 inches apart is usually sufficient) and in this bed they may be carried over their first winter, which is always their hardest. A covering of loose straw or leafy branches is excellent protection but avoid leaves alone or anything of like nature that will pack down and keep the air from the plants. Remove this covering in the spring gradually, just as soon as the weather has become mild and danger of severe freezing is past. Your plants will soon begin to show active growth and then they may be removed to their permanent places in the hardy border, in the rock garden, or wherever you may have prepared a place for them.



A Few Heads of Templin-Bradley's Giant Sweet William

Sweet William

3361 SINGLE GIANT MIXED. Fine mixture of Margined and Auricula varieties and brightest colors and shades not present in other mixtures. Pkt. 10c; ¼ oz. 25c.

Lawn Seeds To Beautify Your Home Grounds

Your lawn is the foundation for all of your other plantings. The trees, shrubs and flowers that you have planted around your home cannot produce the perfect picture of beauty that you desire without the foreground of well-kept lawn. A good lawn is not difficult to produce.



This Lawn was Seeded with Templin-Bradley's Seed. Pretty fine, isn't it?

Templin-Bradley's Fine Lawn Mixtures

Our Fine Lawn Seed Mixtures Contain No Clover

(See Clover Section Below)

For Sunny Places

4201 IDEAL MIXTURE. Contains high percentage of Kentucky Blue Grass. For a fine permanent lawn, grasses must be used that are not only long lived but they must also have the ability to withstand all extremes of temperature and climate.

The grasses that are so carefully blended into our Ideal Mixture have these necessary qualities and with a sufficient amount of food in the soil they will increase in growth and "thicken in" each year thus producing not only a more beautiful lawn but also a more durable lawn year after year.

Special care has been taken in this mixture that the dormant periods of the various grasses used do not overlap and therefore no excessive browning of the lawn should be encountered throughout the entire season, as is the result when only one or two varieties of grass are used.

For fine velvety texture, compact durable growth and continuous evergreen color IDEAL will please you.

Prices Postpaid To You

Lb. \$1.15; 3 lbs. \$3.40; 5 lbs. \$5.60; 10 lbs. \$11.10; 25 lbs. \$27.50; Postage Paid.

4205 SUPER SUNNY MIXTURE. Here is a mixture that meets the requirements of the most demanding. Composed only of fine-leaved, permanent grasses, blended in proper proportion to make the best lawn. This mixture is equivalent to and better than many that are advertised at a substantially higher price. 1 lb. \$1.45; 3 lbs. \$4.35; 5 lbs. \$7.20; Postage Paid.

4202 SHADY NOOK MIXTURE. A special mixture of grasses that grow naturally in the shade gives the best results in producing and maintaining a lawn in situations where trees or buildings throw heavy shade, and regular mixtures will not produce a good lawn. Shady Nook Mixture is blended for just such places. Its texture and color blend with the texture and color of our Ideal Mixture so that no distinction is noticeable in the entire lawn.

The shady lawn must have special care as well as the best seed. Especially when the shaded area is beneath or among trees care must be taken that there is sufficient plant food and moisture to supply both the trees and the grass. Shaded areas must also be watched for acid or sour soil conditions and these conditions corrected.

With average soil conditions in shaded areas SHADY NOOK mixture will delight and please you.

Prices Postpaid To You

Lb. \$1.20; 3 lbs. \$3.55; 5 lbs. \$5.85; 10 lbs. \$11.60; 25 lbs. \$28.75; Postage Paid.

DuPont Lawn Weed Killer

2-4-D. An effective means of removing plantain, dandelion and other broad-leaved weeds. Also useful for killing poison ivy, thistles, etc. (Caution: Do not use on bent lawns.)

8 oz. will treat 1600 sq. ft. when diluted.
8 oz. can \$1.00; Qt. \$2.98.

For Quick Growth

4203 QUICK GROWTH MIXTURE. Makes a good lawn quickly. Contains enough permanent grasses to form the base for a good lawn. Many customers find this a satisfactory seed where low cost is important. Compares favorably with many of the "best" mixtures on the market. Lb. 90c; 3 lbs. \$2.65; 5 lbs. \$4.35; 10 lbs. \$8.60; 25 lbs. \$21.25. Postage Paid.

Bent Mixture

4204 SUPERFINE BENT or GOLF TURF MIXTURE. We highly recommend the use of this mixture as it is made up of the best strains of fine leaved grasses suitable for the "Putting Green" or Lawn. It contains a liberal proportion of Bent Grass as well as other varieties to secure a fine velvety sod throughout the season from early spring until late fall. Lb. \$1.40; 3 lbs. \$4.20; 5 lbs. \$6.90; 10 lbs. \$13.70; 25 lbs. \$34.00. Postage Paid.

Crab Grass Killers

POTASSIUM CYANATE. Non poisonous Selective control for Crab grass and Chickweed. 16 ozs. covers 2400 sq. ft.

STANDARD FORMULA: 4 oz. \$1.00; 16 oz. \$2.90; 2 lb. \$5.00.

SPECIAL FORMULA: with 2-4-D Kills Crab-grass and broad leaf weeds in one application. 4 oz. \$1.25; 16 oz. \$3.50; 2 lb. \$6.00.

Separate Grasses for Special Uses

4210 KENTUCKY BLUE GRASS. Finest quality. The basic grass for all fine lawns. Excellent for reseeding "run down" sparse lawns. 1 lb. \$1.30; 3 lbs. \$3.90; 5 lbs. \$6.45; 10 lbs. \$12.80; 25 lbs. \$32.00. Postpaid.

4211 POA TRIVIALIS. For dense shade. Probably the best grass for deep shade and moist conditions. This grass prefers rich soil and feeding is required where many trees produce a deep shade and heavy root system. Seed is generally imported from Denmark and not always in too good supply. Produces turf similar to Kentucky Blue grass and will stand up well under hard usage. 1 lb. \$1.30; 3 lbs. \$3.90; 5 lbs. \$6.45; 10 lbs. \$12.80. Postpaid.

4212 COLONIAL BENT. This classification also called Astoria Bent, Highland Bent, etc. Excellent for fine lawns and greens. Blends well and is compatible with other permanent grasses. Spreads by underground roots and does well on even poor soil. Forms a thick sod that stands close mowing. Sow 1 lb. to 500 to 600 square feet. 1/2 lb. 90c; 1 lb. \$1.75; 3 lbs. \$5.25; 5 lbs. \$8.70. Postpaid.

4213 ILLAHEE CREEPING FESCUE. A new strain of Creeping Red Fescue which spreads by underground runners. Thrives on poor soils either in sun or shade. Blends well with other grasses and makes a thick tough sod. 1 lb. \$1.45; 3 lbs. \$4.35; 5 lbs. \$7.20; 10 lbs. \$14.30; 25 lbs. \$35.50. Postpaid.

4214 WHITE DUTCH CLOVER. Formerly used extensively in mixtures. Holds color well in summer. To add to above mixtures use 1 oz. to 2 lbs. of mixed seed. 1 oz. 25c; 1/4 lb. 75c; 1 lb. \$1.75. Postpaid.

4215 DOMESTIC RYE GRASS. Fast germinating and quick growing for temporary lawn or ground cover. Especially good for home garden cover crop. Sown between rows of all vegetables at time of last cultivation it will make a dense growth in the fall and provide much valuable humus when turned under. Use at the rate of 1 lb. per 1000 square feet. 1 lb. 35c; 3 lbs. \$1.00; 5 lbs. \$1.65; 10 lbs. \$3.25; 25 lbs. \$8.00. Postpaid.

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25 ALYSSUM, Violet Queen. New color. Pkt., 10c.
See page 25.



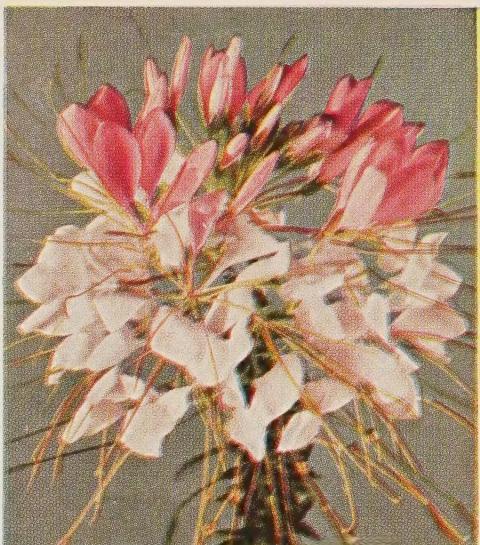
1372 MARIGOLD, Dwarf French Butterball. Pkt., 15c; $\frac{1}{8}$ oz., 30c.



261 ASTERS, Princess Type, Mixed Colors. Pkt., 10c.
See separate varieties, page 26.



1592 PETUNIA, Balcony Mixed. Pkt., 10c;
3 pkts., 25c. See page 36.



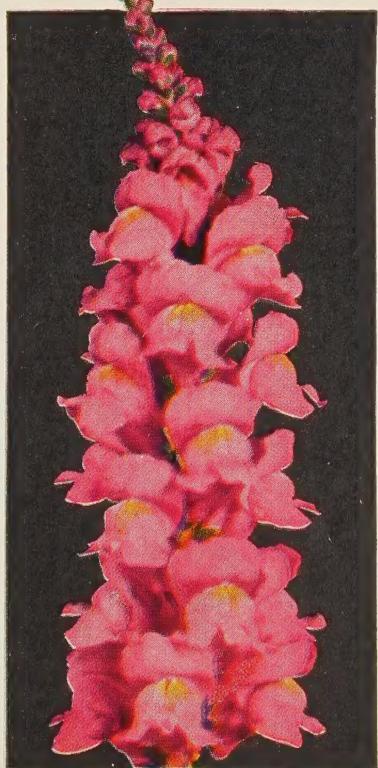
592 CLEOME, Pink Queen. Pkt., 15c; $\frac{1}{8}$ oz., 35c.
See page 30.



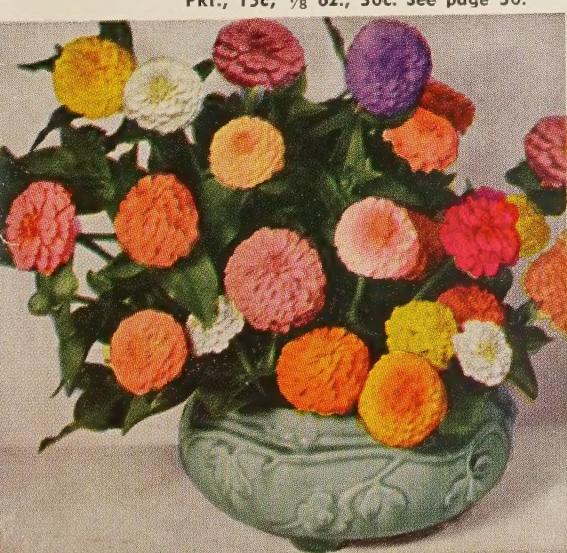
2395
MORNING
GLORY
Heavenly Blue
Pkt., 10c; $\frac{1}{8}$ oz., 35c.
See page 35.



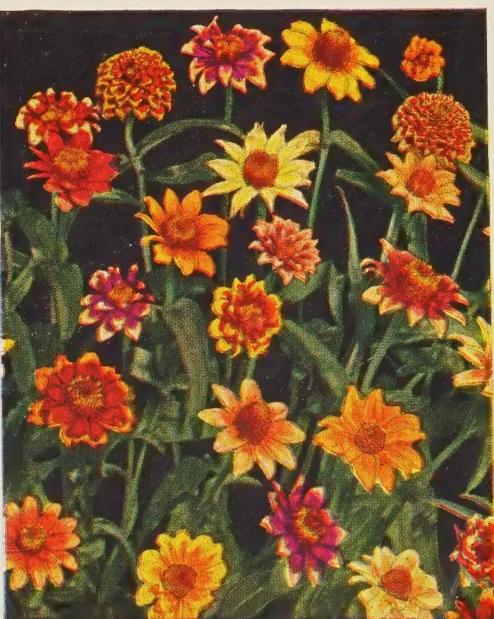
536 DOUBLE BACHELOR BUTTON, Jubilee.
Pkt., 15c; $\frac{1}{8}$ oz., 30c. See page 30.



90 SNAPDRAGON, Tetra (Tetraploid)
Mixed. Pkt., 15c; $\frac{1}{16}$ oz., 85c.



2271 LILLIPUT OR POMPON ZINNIAS. All Colors
Mixed. Pkt., 8c; $\frac{1}{4}$ oz., 35c. See page 43.



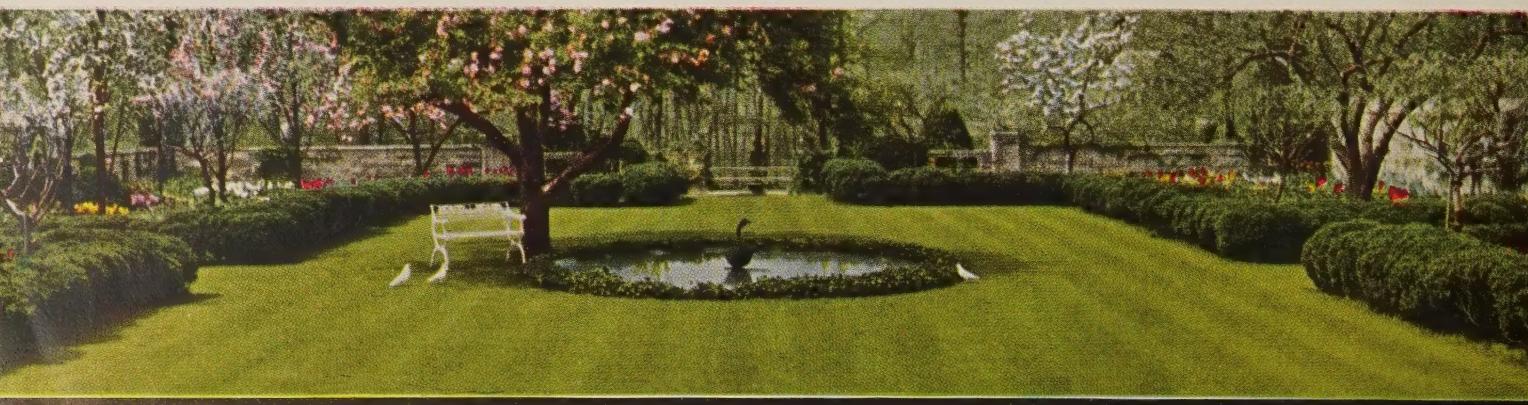
2288 ZINNIAS, Templin-Bradley's Little Jewels.
Note wide variety of forms and colors. Pkt., 10c;
 $\frac{1}{8}$ oz., 30c. See page 43.

Our
75th
Year

Anniversary Garden Collection

3576 Beet, Detroit Dark Red. Pkt.	10c
3667 Carrot, Scarlet Nantes. Pkt.	10c
3995 Cabbage, Paramount Triple Curled. Pkt.	10c
3988 Pepper, California Wonder. Pkt.	10c
4005 Radish, Select Scarlet Globe. Pkt.	10c
4095 Tomato, Marglobe. Pkt.	15c
3511 Beans, Topcrop Green. 1/4 lb.	25c
3521 Beans, Surecrop Wax. 1/4 lb.	20c
3717 Corn, Ioana Hybrid Sweet. 1/4 lb.	25c
3953 Peas, Laxton's Progress. 1/4 lb.	18c
Total Value	\$1.53
Collection No. 4410—	Only \$1.25
6 Pkts. and 4 1/4 lbs.	

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For a Better Lawn—Templin-Bradley's Fine Lawn Seed

4201 IDEAL LAWN MIXTURE. A carefully blended mixture of the fine-leaved, hardy grasses to produce a dense permanent, evergreen turf. 1 lb., \$1.15; 3 lbs., \$3.40; 5 lbs., \$5.60; 10 lbs., \$11.10.

4202 SHADY NOOK LAWN MIXTURE. A special mixture of fine grasses that are shade loving and give fine results in shady places. 1 lb., \$1.20; 3 lbs., \$3.55; 5 lbs., \$5.85; 10 lbs., \$11.60.

4203 QUICK GROWTH LAWN MIXTURE. A mixture that gives quick coverage, yet produces a fine permanent lawn of the hardy grasses. 1 lb., 90c; 3 lbs., \$2.65; 5 lbs., \$4.35; 10 lbs., \$8.60.

SEE SEPARATE GRASSES AND OTHER LAWN SEED MIXTURES ON PAGE 49.